



COUNTY BOROUGH
OF
MERTHYR TYDFIL

ANNUAL REPORT
1951

T. H. STEPHENS,
M.B., Ch.B., D.P.H.,
MEDICAL OFFICER OF
HEALTH.

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County Borough of Merthyr Tydfil

List of Health Committees and Officials

HEALTH COMMITTEE

Chairman : Councillor J. G. DAVIES

Vice-Chairman : Councillor T. J. EVANS

THE WHOLE COUNCIL

CHILDREN COMMITTEE

Chairman : Alderman D. J. MORGAN

Vice-Chairman : Councillor I. DAVIES

Alderman D. J. MORGAN

Councillor C. STANFIELD

Alderman F. EVERSON

Councillor Mrs. MCPHAIL

Alderman Mrs. WILLIAMS

Councillor I. DAVIES

Councillor Mrs. DAWES

Councillor A. WILSON

Councillor W. W. HERBERT

with

THE MAYOR

THE EX-MAYOR

MATERNITY AND CHILD WELFARE COMMITTEE

Chairman : Councillor Mrs. DAWES

Vice-Chairman : Councillor M. OSBORNE

Alderman D. J. MORGAN

Councillor B. WATKINS

Alderman D. O'DRISCOLL

Councillor B. M. DAVIES

Alderman Mrs. WILLIAMS

Councillor M. MCGINTY

Councillor L. F. BELL

Councillor H. I. WILLIAMS

Councillor W. POWELL

Councillor A. WILSON

Councillor Mrs. MCPHAIL

Councillor J. G. DAVIES (Chairman HEALTH COMMITTEE)

Councillor W. S. OWEN

Councillor T. J. EVANS (Vice-Chairman HEALTH COMMITTEE)

Councillor C. STANFIELD

Councillor M. OSBORNE

Councillor Mrs. DAWES

with

THE MAYOR

THE EX-MAYOR

MENTAL HEALTH SERVICES COMMITTEE

Chairman : Councillor CLAUDE STANFIELD

Vice-Chairman : Alderman D. O'DRISCOLL

Alderman D. J. MORGAN

Alderman Mrs. G. I. WILLIAMS

Alderman F. EVERSON

Councillor Mrs. McPHAIL

Councillor W. S. OWEN

Councillor M. McGINTY

Councillor M. OSBORNE

Councillor C. J. GRIFFITHS

Councillor I. DAVIES

Councillor A. WILSON

Councillor D. JONES

with

THE MAYOR

THE EX-MAYOR

THE CHAIRMAN and VICE-CHAIRMAN of THE HEALTH COMMITTEE

PUBLIC HEALTH STAFF

Medical Officer of Health; School Medical Officer; Superintendent Mardy Isolation Hospital; Medical Officer under Mental Deficiency Acts;

T. H. STEPHENS, M.B., CH.B., D.P.H.

Assistant Medical Officers:

DILYS STEPHENS, B.SC., M.B., B.CH., M.R.C.S., L.R.C.P., D.P.H.

MONICA PARRY-MORTON, B.SC., M.B., B.CH.

E. A. MARSDEN, M.B., B.CH.

Dental Officer :

J. A. WYLIE, L.D.S.

Public Analyst and Official Analyst under the Fertilizers and Feeding Stuffs Acts 1926 :

D. EVANS JONES, M.SC., F.R.I.C.

Sanitary Inspectorate :

Chief Sanitary Inspector :

*†L. MILLS (part year)

*†I. THOMAS (part year)

Deputy Chief Sanitary Inspector :

*†B. WILLIAMS (part year)

*†D. A. JONES (part year)

Sanitary Inspector with Special

Responsibilities & Food Inspector :

*†I. THOMAS (part year)

Sanitary Inspectors & Food Inspectors :

*†D. A. JONES (part year)

*†C. G. STUCKEY

*†V. D. L. PROTHEROE (part year)

*†J. B. JONES (part year)

Sanitary Inspector & Shops Inspector :

*D. C. N. DAVIS

Disinfestation Staff :

G. W. FORAN, W. G. FOSTER

Rodent Control Staff :

G. A. PRICE, A ANDREWS

* Sanitary Inspector's Certificate of the R.S.I. and S.I.A.J.B.

† Certificate of Inspector of Meat and Other Foods.

NURSING STAFF

<i>Superintendent Nursing Officer :</i>	Miss A. L. EVANS
<i>Health Visitors :</i>	Misses D. PETERS, M. JELLEY- MAN, A. WILLIAMS, M. LEWIS, E. J. WATKINS, S. EVANS, C. JONES, J. A. LEWIS, A. MEREDITH
<i>Midwives :</i>	Nurses B. LEWIS, H. DAVIES, B. CARLICK, B. M. JONES, M. J. WILLIAMS, E. A. GILLAM, M. WILLIAMS, K. LOVIS, L. DALEY, D. JONES, A. E. DAVIES
<i>Orthopaedic Nurse :</i>	Miss A. G. DAVIES
<i>District Nurses :</i>	Nurses M. E. NICHOLAS, S. J. LEWIS, A. CLEMENTS, E. J. EVANS, E. DAVIES, B. L. W. JONES, E. M. WRIGHT, E. LLOYD (relief), O. DAVIES, F. EVANS, H. DAVIES (relief).
<i>Dental Nurse :</i>	Miss M. EVANS
<i>Nursery School :</i>	Miss A. MORRIS (Supt.)
<i>Director of Welfare Services :</i>	B. ROBERTS
<i>Duly Authorised Officer :</i>	F. JENNINGS

Ambulance Service :

<i>Ambulance Officer :</i>	J. A. WILLIAMS
<i>Personnel :</i>	Sixteen Ambulance Drivers, One Mechanic

Administrative and Clerical Staff :

<i>Chief Administrative Officer :</i>	TERRY THOMAS, C.R.S.I.
<i>Deputy Chief Administrative Officer:</i>	J. ROGER JONES,
<i>Clerical Staff :</i>	S. LEWIS, W. K. JONES, I. PROTHEROE, MERVYN JONES, S. TREEN, N. VAUGHAN, G. EVANS, D. JONES. JOAN THOMAS.

COUNTY BOROUGH OF MERTHYR TYDFIL
ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

Department of Public Health,
 Town Hall,
 MERTHYR TYDFIL.

To the Mayor, Aldermen and Councillors of the County Borough of
Merthyr Tydfil;

Mr. Mayor, Ladies and Gentlemen;

I have the honour to present for your consideration my Annual Report upon the health of the County Borough and the Health Services in general during the year 1951.

The Death Rate for 1951 was 15.12 which represents a decrease of .4 in the Death Rate or 28 actual deaths less. Deaths from diseases of the Heart formed 36.65% of all deaths registered compared with 30.20% in the previous year. Malignant Neoplasms were responsible for 12.16% of all deaths as against 12.53% last year. The reduction in Tuberculosis deaths was from 5.31% in 1950 to 3.18% in 1951 or a decrease of twenty-one actual Tuberculosis deaths.

Twelve thousand five hundred and forty-one patients used the Ambulance Service as compared with 10,044 last year. There has been much discussion about the abuse of the Service but on the whole I do not think it is justifiable.

Since 1945, approximately one thousand houses have been built for the Local Authority. This has relieved overcrowding to a certain extent but there are still a large number of families on the waiting list. A further complication which is growing more apparent each year is the number of old houses that become unfit for human habitation through old age. This is a legacy of the Industrial Revolution which at the end of the 18th Century transformed Merthyr from an agricultural town into a large industrial centre. A great number of houses were constructed at that period; most of the badly built ones have disappeared but the comparatively better class dwellings of those days are still with us and are now some one hundred and fifty years old. These houses—and there are considerable numbers of them, mostly concentrated in the town area—are fast outgrowing their usefulness. Many of them are reaching the stage where further repairs are of little effect and extensive alterations are not practicable; the only course that remains in the future is to condemn them. This will inevitably produce a further strain on the resources of our projected housing schemes and aggravate the housing situation.

During the year three hundred and seventy-five formal and informal samples of various food stuffs and drugs were taken by the sampling officers. Of these, only four formal samples and eight informal were reported as not being genuine. In two of the formal samples, legal action was taken and convictions obtained. These facts fully illustrate the high standard being maintained in the County Borough.

The results of the bacteriological examinations of milk and ice cream were very satisfactory. Of the one hundred and forty-eight samples of milk examined, only three samples were adversely reported and each of these failed in one portion of the tests only. All the samples examined for Tubercle Bacilli were reported as being satisfactory and free from Tuberculosis. Of the ice cream samples, over seventy per cent. were reported as satisfactory and a further eight per cent. as fairly satisfactory.

Nearly seventeen thousand animals were slaughtered and inspected at the Star Slaughterhouse where all killing in the Borough is centralised. There was an increase of some two per cent in the carcasses found to be affected with diseases other than Tuberculosis but there was a decrease of .5% in Tuberculous carcasses.

Finally, I should like to thank all members of my Staff for their continued loyalty and conscientious work during the year. A change took place in the Sanitary Inspectorate during 1951. The Chief Sanitary Inspector, Mr. Lewis Mills, and the Deputy Chief Inspector, Mr. Ben Williams, retired—both after many years of valuable, faithful and loyal service—and Mr. I. Thomas was appointed Chief Sanitary Inspector. I would also like to express my gratitude to the Ministry of Labour and National Service offices in the Borough for again supplying details of insured persons residing in the County Borough area which they have so willingly done in previous years.

I wish to thank the Chairman of the Health Committee and Members of the Council for the sympathetic way in which they have dealt with the problems of public health as put forward by my officers.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

T. H. STEPHENS

Medical Officer of Health.

GENERAL STATISTICS

Area in acres	17,760
Population (Census 1951)	61,093
Population (estimate for mid-year 1951)	60,400
Density of population (1931) (per acre)	4.003
Density of population (1951) (per acre)	3.43
Number of houses on Rate Books in 1951	17,068
Number of houses and shops	444
Number of farms	69
Number of Inns and Clubs	169
Average number of persons to each occupied house (1951)	3.4
Rateable value to March, 1952	£239,608
The produce of a penny rate in 1951	£884

Live Births —	Males	Females	Total
(legitimate)	478	485	963
(illegitimate)	18	11	29
	<hr/>	<hr/>	<hr/>
	496	496	992=Birth rate of 16.42
	<hr/>	<hr/>	per 1000 population
Stillbirths	22	12	34=Rate of 34.2 per 1000 births.
Deaths	513	400	913=Death rate of 15.12 per 1000 population

Infantile Mortality Rate	42.3
Death rate from Principal Infectious Diseases	NIL
Typhoid, Scarlet Fever, Diphtheria	NIL
Cerebro Spinal Fever,	NIL
Poliomyelitis	NIL
Respiratory T.B. Death Rate	0.3
Death Rate from All Other Forms of T.B.	0.11
Death Rate from Cancer	1.83
Comparability Factor for Birth Rate	1.04
Birth Rate as adjusted by factor	17.08
Comparability Factor for Death Rate	1.01
Death Rate as adjusted by factor	15.27

MINISTRY OF LABOUR AND NATIONAL SERVICE.

National Insurance Act 1946 : Industrial Analysis of Estimated Number of National Insurance Cards
held by Class I Insured Persons (Employed and Unemployed) +
in June, 1950, for DOWLAIS Employment Exchange Area.

Order	* Industrial Group	Juveniles under 18 included in columns 3 — 5		Males aged 15 and over	Females aged 15 and over	Total Males and Females aged 15 and over
		Boys (1)	Girls (2)	(3)	(4)	(5)
I	Agriculture, Forestry and Fishing	4	—	36	3	39
II	Coalmining	—	—	44	—	44
	Other Mining and Quarrying	—	—	3	—	3
III	Treatment of Non-Metal Mining Products	—	—	—	—	—
IV	Chemicals and Allied Trades	20	—	494	10	504
V	Sheets and Tinplates	—	—	—	—	—
	Other Metal Manufacture	40	—	448	8	456
VI	Engineering	12	—	403	80	483
	Shipbuilding and Shiprepairing	—	—	—	—	—
	Electrical Goods	—	—	6	7	13
VII	Vehicles	—	4	12	15	27
VIII	Metal Goods not elsewhere specified	—	—	20	4	24
IX	Precision Instruments, Jewellery, etc.	—	—	—	1	1
X	Textiles	56	136	417	379	796
XI	Leather, Leather Goods and Fur	—	—	1	—	1
XII	Clothing	—	—	—	5	5
XIII	Food, Drink and Tobacco	8	28	76	85	161
XIV	Manufacture of Wood and Cork	—	—	1	—	1
XV	Paper and Printing	4	—	7	2	9
XVI	Other Manufacturing Industries	12	36	87	160	247
XVII	Building and Contracting	—	—	92	—	92
XVIII	Gas, Electricity and Water	—	—	14	—	14
XIX	Transport and Communication	4	—	136	2	138
XX	Distributive Trades	36	36	144	97	241
XXI	Insurance, Banking and Finance	—	—	12	6	18
XXII	National and Local Government Services	—	—	66	11	77
XXIII	Professional Services	—	4	6	15	21
XXIV	Miscellaneous Services	—	12	37	164	201
	Ex-Service Personnel on leave	—	—	9	—	9
	TOTALS	196	256	2,571	1,054	3,625

NOTES. * For details of Industrial Groups see Standard Industrial Classification 1948 (H.M.S.O.)

+ These persons include those who were new entrants into insurance at 5th July, 1948 and the figures are therefore not comparable with years prior to 1948.

MINISTRY OF LABOUR AND NATIONAL SERVICE.

National Insurance Act, 1946 : Industrial Analysis of Estimated Number of National Insurance Cards held by Class I Insured Persons (Employed and Unemployed) + in June 1950 for MERTHYR TYDFIL Employment Exchange Area.

Order	* Industrial Group	Juveniles under 18 included in columns 3 — 5		Males aged 15 and over	Females aged 15 and over	Total Males and Females aged 15 and over
		Boys (1)	Girls (2)			
I	Agriculture, Forestry and Fishing —	8	—	73	4	77
II	Coalmining —	12	—	116	—	116
	Other Mining and Quarrying —	—	—	119	6	125
III	Treatment of Non-Metal Mining Products —	4	4	81	10	91
IV	Chemicals and Allied Trades —	—	—	13	9	22
V	Sheets and Tinplates —	—	—	—	—	—
	Other Metal Manufacture —	—	—	20	—	20
VI	Engineering —	—	—	26	8	34
	Shipbuilding and Shiprepairing —	—	—	—	—	—
	Electrical Goods —	12	36	807	379	1186
VII	Vehicles —	16	8	345	115	460
VIII	Metal Goods not elsewhere specified —	4	—	134	7	141
IX	Precision Instruments, Jewellery, etc. —	12	20	461	203	646
X	Textiles —	—	4	4	24	28
XI	Leather, Leather Goods and Fur —	—	—	19	17	36
XII	Clothing —	12	216	90	577	667
XIII	Food, Drink and Tobacco —	56	36	264	176	440
XIV	Manufacture of Wood and Cork —	12	—	51	7	58
XV	Paper and Printing —	16	28	81	83	164
XVI	Other Manufacturing Industries —	16	36	340	572	912
XVII	Building and Contracting —	28	—	1281	9	1290
XVIII	Gas, Electricity and Water —	12	—	428	25	453
XIX	Transport and Communication —	16	—	820	68	888
XX	Distributive Trades —	80	152	620	651	1271
XXI	Insurance, Banking and Finance —	4	—	141	53	194
XXII	National and Local Government Services —	20	8	1237	364	1601
XXIII	Professional Services —	4	48	438	749	1187
XXIV	Miscellaneous Services —	12	44	208	573	781
	Ex-Service Personnel on leave —	—	—	60	—	60
	TOTALS —	356	640	8,282	4,689	12,971

NOTES. * For details of Industrial Groups see Standard Industrial Classification, 1948 (H.M.S.O.)

+ These persons include those who were new entrants into insurance at 5th July, 1948 and the figures are therefore not comparable with years prior to 1948.

MINISTRY OF LABOUR AND NATIONAL SERVICE.

National Insurance Act, 1946 : Industrial Analysis of Estimated Number of National Insurance Cards
held by Class I Insured Persons (Employed and Unemployed) †
in June 1950 for MERTHYR VALE and TREHARRIS Employment Exchange Area.

Order	* Industrial Group	Juveniles under 18 included in columns 3 — 5		Males aged 15 and over	Females aged 15 and over	Total Males and Females aged 15 and over
		Boys (1)	Girls (2)			
I	Agriculture, Forestry and Fishing	—	—	50	—	50
II	Coalmining	160	4	4502	40	4542
	Other Mining and Quarrying	—	4	3	4	7
III	Treatment of Non-Metal Mining Products	—	—	28	6	34
IV	Chemicals and Allied Trades	—	—	18	3	21
V	Sheets and Tinplates	—	—	—	—	—
	Other Metal Manufacture	—	—	4	—	4
VI	Engineering	—	—	12	7	19
	Shipbuilding and Shiprepairing	—	—	—	—	—
	Electrical Goods	—	—	12	5	17
VII	Vehicles	—	—	25	7	32
VIII	Metal Goods not elsewhere specified	—	4	53	9	62
IX	Precision Instruments, Jewellery, etc.	—	—	—	—	—
X	Textiles	—	—	1	—	1
XI	Leather, Leather Goods and Fur	—	—	—	—	—
XII	Clothing	4	8	11	29	40
XIII	Food, Drink and Tobacco	4	4	19	5	24
XIV	Manufacture of Wood and Cork	—	—	1	—	1
XV	Paper and Printing	—	—	1	7	8
XVI	Other Manufacturing Industries	—	—	3	6	9
XVII	Building and Contracting	8	—	131	1	132
XVIII	Gas, Electricity and Water	—	—	10	—	10
XIX	Transport and Communication	8	—	145	8	153
XX	Distributive Trades	32	24	178	108	286
XXI	Insurance, Banking and Finance	—	—	20	1	21
XXII	National and Local Government Services	—	—	69	21	90
XXIII	Professional Services	—	4	19	41	60
XXIV	Miscellaneous Services	8	4	114	116	230
	Ex-Service Personnel on leave	—	—	22	4	26
	TOTALS	224	56	5,451	428	5,879

NOTES. * For details of Industrial Groups see Standard Industrial Classification, 1948 (H.M.S.O.)

† These persons include those who were new entrants into insurance at 5th July, 1948 and the figures are therefore not comparable with years prior to 1948.

MINISTRY OF LABOUR AND NATIONAL SERVICE.

National Insurance Act 1946 : Industrial Analysis of Estimated Number of National Insurance Cards held by Class I Insured Persons (Employed and Unemployed) † in June, 1951, for DOWLAIS Employment Exchange Area.

Order	* Industrial Group	Juveniles under 18 included in columns 3 — 5		Males aged 15 and over	Females aged 15 and over	Total Males and Females aged 15 and over
		Boys (1)	Girls (2)			
I	Agriculture, Forestry and Fishing —	4	—	34	1	35
II	Coalmining —	—	—	31	—	31
	Other Mining and Quarrying —	—	—	2	—	2
III	Treatment of Non-Metal Mining Products —	—	—	—	1	1
IV	Chemicals and Allied Trades —	16	—	501	9	510
V	Sheets and Tinplates —	—	—	—	—	—
	Other Metal Manufacture —	20	—	450	11	461
VI	Engineering —	—	—	215	35	250
	Shipbuilding and Shiprepairing —	—	—	—	—	—
	Electrical Goods —	—	—	12	25	37
VII	Vehicles —	—	—	6	5	11
VIII	Metal Goods not elsewhere specified —	—	—	22	2	24
IX	Precision Instruments, Jewellery, etc. —	—	—	—	—	—
X	Textiles —	36	88	426	332	758
XI	Leather, Leather Goods and Fur —	—	—	—	—	—
XII	Clothing —	—	—	—	13	13
XIII	Food, Drink and Tobacco —	8	24	68	115	183
XIV	Manufacture of Wood and Cork —	—	—	1	—	1
XV	Paper and Printing —	—	—	5	3	8
XVI	Other Manufacturing Industries —	44	28	132	172	304
XVII	Building and Contracting —	—	—	97	—	97
XVIII	Gas, Electricity and Water —	—	—	50	—	50
XIX	Transport and Communication —	4	—	125	—	125
XX	Distributive Trades —	4	24	159	112	271
XXI	Insurance, Banking and Finance —	—	—	7	4	11
XXII	National and Local Government Services —	—	—	99	14	113
XXIII	Professional Services —	—	—	4	27	31
XXIV	Miscellaneous Services —	—	—	39	143	182
	Ex-Service Personnel on leave —	—	—	3	—	3
	TOTALS — — —	136	164	2,488	1,024	3,512

NOTES. * For details of Industrial Groups see Standard Industrial Classification 1948 (H.M.S.O.)

† These persons include those who were new entrants into insurance at 5th July, 1948 and the figures are therefore not comparable with years prior to 1948.

MINISTRY OF LABOUR AND NATIONAL SERVICE.

National Insurance Act, 1946 : Industrial Analysis of Estimated Number of National Insurance Cards held by Class I Insured Persons (Employed and Unemployed) + in June 1951 for MERTHYR TYDFIL Employment Exchange and Y.E.O. Areas.

Order	* Industrial Group	Juveniles under 18 included in columns 3 — 5		Males aged 15 and over	Females aged 15 and over	Total Males and Females aged 15 and over
		Boys (1)	Girls (2)	(3)	(4)	(5)
I	Agriculture, Forestry and Fishing —	8	—	85	—	85
II	Coalmining —	—	—	195	4	199
	Other Mining and Quarrying —	4	—	136	9	145
III	Treatment of Non-Metal Mining Products —	—	4	64	6	70
IV	Chemicals and Allied Trades —	—	—	19	18	37
V	Sheets and Tinplates —	—	—	—	—	—
	Other Metal Manufacture —	—	—	11	—	11
VI	Engineering —	—	—	20	1	21
	Shipbuilding and Shiprepairing —	—	—	—	—	—
	Electrical Goods —	16	80	950	436	1386
VII	Vehicles —	40	28	337	331	668
VIII	Metal Goods not elsewhere specified —	—	4	177	11	188
IX	Precision Instruments, Jewellery, etc. —	20	4	481	197	678
X	Textiles —	—	—	8	24	32
XI	Leather, Leather Goods and Fur —	—	—	18	1	19
XII	Clothing —	24	276	105	686	791
XIII	Food, Drink and Tobacco —	28	12	234	166	400
XIV	Manufacture of Wood and Cork —	4	—	85	6	91
XV	Paper and Printing —	12	36	73	82	155
XVI	Other Manufacturing Industries —	4	12	249	352	601
XVII	Building and Contracting —	32	4	790	10	800
XVIII	Gas, Electricity and Water —	12	—	393	30	423
XIX	Transport and Communication —	24	8	812	48	860
XX	Distributive Trades —	104	120	663	586	1249
XXI	Insurance, Banking and Finance —	8	—	159	45	204
XXII	National and Local Government Services —	8	20	1136	346	1482
XXIII	Professional Services —	8	32	396	784	1180
XXIV	Miscellaneous Services —	12	48	212	515	727
	Ex-Service Personnel on leave —	—	—	13	—	13
	TOTALS — — —	368	688	7,821	4,694	12,515

NOTES. * For details of Industrial Groups see Standard Industrial Classification, 1948 (H.M.S.O.)

† These persons include those who were new entrants into insurance at 5th July, 1948 and the figures are therefore not comparable with years prior to 1948.

MINISTRY OF LABOUR AND NATIONAL SERVICE.

National Insurance Act 1946 : Industrial Analysis of Estimated Number of National Insurance Cards
held by Class I Insured Persons (Employed and Unemployed) +
in June, 1951, for MERTHYR VALE and TREHARRIS Employment Exchange Area.

Order	* Industrial Group	Juveniles under 18 included in columns 3 — 5		Males aged 15 and over	Females aged 15 and over	Total Males and Females aged 15 and over
		Boys (1)	Girls (2)			
I	Agriculture, Forestry and Fishing —	8	—	52	—	52
II	Coalmining —	—	—	4432	38	4470
	Other Mining and Quarrying —	—	—	—	—	—
III	Treatment of Non-Metal Mining Products —	4	—	25	1	26
IV	Chemicals and Allied Trades —	—	—	26	1	27
V	Sheets and Tinplates —	—	—	—	—	—
	Other Metal Manufacture —	—	—	2	4	6
VI	Engineering —	—	—	5	1	6
	Shipbuilding and Shiprepairing —	—	—	—	—	—
	Electrical Goods —	—	4	11	9	20
VII	Vehicles —	—	—	17	4	21
VIII	Metal Goods not elsewhere specified —	4	—	59	5	64
IX	Precision Instruments, Jewellery, etc. —	—	—	—	—	—
X	Textiles —	—	—	—	—	—
XI	Leather, Leather Goods and Fur —	—	—	—	—	—
XII	Clothing —	—	12	9	21	30
XIII	Food, Drink and Tobacco —	4	—	19	5	24
XIV	Manufacture of Wood and Cork —	—	—	5	—	5
XV	Paper and Printing —	—	—	4	4	8
XVI	Other Manufacturing Industries —	—	8	2	9	11
XVII	Building and Contracting —	—	—	96	1	97
XVIII	Gas, Electricity and Water —	—	—	30	2	32
XIX	Transport and Communication —	4	—	121	12	133
XX	Distributive Trades —	24	16	187	155	342
XXI	Insurance, Banking and Finance —	—	—	5	—	5
XXII	National and Local Government Services —	—	—	59	12	71
XXIII	Professional Services —	—	4	25	65	90
XXIV	Miscellaneous Services —	4	4	89	99	188
	Ex-Service Personnel on leave —	—	—	5	—	5
	TOTALS — — —	52	48	5,285	448	5,733

NOTES. * For details of Industrial Groups see Standard Industrial Classification 1948 (H.M.S.O.)

† These persons include those who were new entrants into insurance at 5th July, 1948 and the figures are therefore not comparable with years prior to 1948.

POPULATION

The Registrar General's estimated population for mid-year 1951 was 60,400. There has been a gradual increase since 1944. In 1801 Merthyr Tydfil had a population of 7,705; the population gradually increased and the peak was reached in 1913 when the population was 85,414. It gradually declined until a low limit of 59,620 was reached in 1945. Since then there has been a gradual increase. This is undoubtedly due to the opening of new factories in the area.

BIRTHS 1951

The births registered in Merthyr during the year 1951 were 992, giving a birth rate 16.42 per thousand of the population. The rate for the 126 County Boroughs and Great Towns was 17.3.

Net number of Live Births registered 992

The illegitimate live births are as follows :—

Males	..	..	..	18
Females	..	..	..	11
Total	..	..		29

STILL-BIRTHS 1951

The Registrar General has supplied the following tables :—

Males	..	..	..	22
Females	..	..	..	12
				34

This total represents a rate of 34.2 per 1000 births and includes the following Illegitimate Still-Births :—

Males	..	..	..	1
Females	..	..	..	1

The high number of still-births is a very unsatisfactory feature and has been for many years. The causes are chiefly environmental and until greater housing progress is made, I am afraid that you will be faced with this continuous high still-birth rate.

DEATHS 1951

Number of Deaths in 1951 913

The number of deaths actually occurring in the County Borough Area during 1951 was 924, but with the addition of 47 deaths of Merthyr residents which took place outside the Borough and the subtraction of 58 deaths of non-residents which occurred within the area, the total number of deaths was 913.

ANALYSIS OF DEATHS OF RESIDENTS OCCURRING OUTSIDE THE BOROUGH

Cefn Coed Hospital, 4; Glanrhyd Hospital, Aberkenfig, 1; 29, The Creseent, Bedwas, 1; Llandough Hospital, 3; Lord Ninian Hospital, 1; Near Colliery Canteen, Glyn-neath, 1; Taf Merthyr Colliery, 1; Mid-Wales Hospital, Talgarth, 1; Hereford General Hospital, 1; Main Cardiff and Swansea Highway, 1; St. David's Hospital, 5; Cardiff Royal Infirmary, 6; Bryn-y-Neuadd Llanfairfeehan, 1; 5, Myrtle Terrace, Mumbles, 1; Cefn Mably Hospital, Llanfedwr, 1; Rookwood Hospital, 1; Whitehurch Hospital, 2; Sully Hospital, 2; St. Winifred's Hospital, 1; 84, Ryder Street, Cardiff, 1; Manor House Farm, Worle, 1; Lower Maudlin Street, Bristol, 1; General Hospital Aberdare, 1; Morriston Emergency Hospital, 1; 2, Heathcoat Pennsylvania Park, Exeter, 1; General Hospital, Church Village, 1; War Memorial Hospital, Llandidloes, 1; Southgate Annexe, Tottenhall Road, Southgate, 1; 12, Newbold Road, Chesterfield, 1; Christehurch Hospital, 1; Tower Colliery Hirwaun, 1.

TOTAL .. 47

The deaths were distributed in the Wards as follows :—

Deaths				Deaths			
Dowlais	..	..	126	Town	..	..	142
Penydarren	..	..	135	Plymouth	..	..	100
Park	..	..	112	Merthyr Vale	..	..	86
Cyfarthfa	..	..	77	Treharris	..	..	87

No significance, of course, can be attached to the above figures because age and sex distribution have not been taken into account, nor has the population and deaths at hospitals and institutions.

ANALYSIS OF DEATHS FROM VARIOUS CAUSES HEART DISEASE

				Total
Males	..	..	..	165
Females	..	..	..	133

The deaths recorded in the age and sex groups are as follows :—

		0—5	5—15	15—45	45—65	65 upw'ds
Male	..	—	—	9	44	112
Females	..	—	—	5	26	102

Heart disease, therefore, was responsible for 32.65% of the total causes of death.

CANCER AND MALIGNANT DISEASE

				Total
Males	..	..	..	61
Females	..	..	..	50

The deaths recorded in the age and sex groups are as follows :—

		0—5	5—15	15—45	45—65	65 upw'ds
Male	..	—	—	2	25	34
Female	..	—	—	3	24	23

Cancer and Malignant Disease, therefore, was responsible for 12.16% of the total causes of death as compared with 12.54% last year.

TUBERCULOSIS (Pulmonary and other forms)

				Total
Males	..	..	..	15
Females	..	..	..	14

The deaths recorded in the age and sex groups are as follows :—

		0—5	5—15	15—45	45—65	65 upw'ds
Male	..	—	—	3	7	5
Female	..	—	—	5	9	—

Tuberculosis, therefore, was responsible for 3.18% of the total causes of death.

CONGENITAL MALFORMATIONS

				Total
Males	..	..	..	4
Females	..	..	..	1

Congenital Debility, Premature Birth and Malformation, therefore, was responsible for .55% of the total causes of death.

BRONCHITIS

				Total
Males	..	..	..	55
Females	..	..	..	28

The deaths recorded in the age and sex groups are as follows :—

		0—5	5—15	15—45	45—65	65 upw'ds
Males	..	—	—	1	9	45
Females	..	—	—	—	5	23

Bronchitis, therefore, was responsible for 9.09% of the total causes of death.

PNEUMONIA

				Total
Males	..	..	..	18
Females	..	..	..	12

The deaths recorded in the age and sex groups are as follows :—

		0—5	5—15	15—45	45—65	65 upw'ds
Male	..	3	—	1	4	10
Females	..	3	—	3	—	6

Pneumonia, therefore, was responsible for 3.29% of the total causes of death.

DEATHS AT CERTAIN AGE PERIODS

Age Periods	Males	Females	Total	Percentage of Total Deaths
Under 1 year	25	17	42	4.60
1—5	2	1	3	.33
5—15	5	1	6	.66
15—45	29	31	60	6.57
45—65	137	96	233	25.52
65 and over ..	315	254	569	62.32

FATAL ACCIDENTS, SUICIDES and HOMOCIDE

The following fatal accidents suicides and homicide were recorded during the year :—

Fatal Accidents : Injuries or shock due to accidentally falling, 7; Shock due to accidental burning, 2; Accidental injuries received during employment, 5; Shock due to accidental scalding 1; Accidental suffocation, 1

Total fatal accidents .. 16.

Suicides : Coal Gas poisoning, 4 Lysol poisoning 1; Suffocation by hanging, 2; Suffocation by drowning, 1.

Total Suicides .. 8

Homocide : Manslaughter, 1.

Total Homocides .. 1

INFANTILE MORTALITY

The number of deaths of infants under one year during 1951 was 42, which is one less than for 1950, but which gives a rate of 42.3% per thousand births as compared with 40.68% per thousand births for the previous year.

COMPARISON OF INFANT DEATHS.

Deaths of Legitimate Infants	.. .. .	38
Mortality Rate per thousand Legitimate Births	..	39.4
Deaths of Illegitimate Infants	.. .. .	4
Infantile Mortality Rate for England and Wales		29.6
Infantile Mortality Rate for the Boroughs and Great Towns	.. .. .	33.9

ANALYSIS OF INFANT DEATHS—1951.

(a) Subdivision into age groups of Infant Deaths :—

Under one week	.. .. .	20
Over one week but under one month	..	3
One to three months	.. .. .	4
Three to six months	.. .. .	8
Six to twelve months	.. .. .	7
TOTAL	.. .. .	42

(b) Subdivision into causes of Death under One year :

i. *Under One Week:*

Premature births, 12; Shock, 1; Heart Failure, 1; Convulsions, 2; Other defined diseases, 4;

Total deaths under one week .. 20.

ii. *Over One Week but under One Month:*

Respiratory and Heart Failure, 1; Broncho-pneumonia, 2.

Total deaths over one week but under one month . . . 3

iii. *One Month to Three Months:*

Marasmus, 1; Spinabifida, 1; Broncho pneumonia, 1; Other defined diseases, 1.

Total deaths from one to three months . . . 4

iv. *Three Months to Six Months:*

Respiratory and Heart Failure, 1; Bronchitis, 1; Broncho-pneumonia, 3; Accidental Death, 1; Gastro-enteritis, 1; Other defined diseases, 1.

Total deaths from three to six months . . . 8.

v. *Six Months to Twelve Months:*

Bronchitis, 1; Accidental Death, 1; Gastro-enteritis, 1; Other defined diseases, 4.

Total deaths from six to twelve months . . . 7.

WARD DISTRIBUTION OF INFANT DEATHS.

The Ward Distribution of Infant Deaths for 1951 was as follows :—

Dowlais . .	..	10	Town . .	..	8
Penydarren . .	..	4	Plymouth . .	..	5
Park . .	..	6	Merthyr Vale		3
Cyfarthfa . .	..	2	Treharris . .	..	4
					—
			TOTAL . .		42
					—

INFANTILE MORTALITY RATE FOR THE YEARS
1927 TO 1951

1927	103	1939	86
1928	93	1940	58
1929	107	1941	80
1930	91	1942	80.03
1931	105	1943	63
1932	73	1944	64
1933	89.7	1945	70.8
1934	74	1946	60.47
1935	74	1947	62.65
1936	79	1948	48.22
1937	79	1949	47.09
1938	77	1950	40.68
		1951	42.3

PUERPERAL PYREXIA

Number of cases of Puerperal Pyrexia	..	..	11
Number of deaths from Puerperal Sepsis	..	..	Nil
Number of deaths from other Maternal Causes	..	..	3

The Puerperal Pyrexia notifications per 1,000 total births (live and still), for England and Wales, was 10.66; for Merthyr, 11.08. The rate for the 126 County Boroughs and Great Towns was 13.77.

MATERNAL MORTALITY

Total number of deaths during the year	..	..	3
Death rate per thousand live births	..	..	3.02
Death rate per thousand total births	..	..	2.9

MERTHYR INFIRMARY AND GWAUNFARREN MATERNITY HOME.

865 women entered the Infirmary and Gwaunfarren Maternity Home for their confinement during the year—of these, 710 were cases from the County Borough of Merthyr Tydfil. Priority for admission was given to those (*a*) Primipara—with anticipated obstetrical difficulties, and (*b*) cases where the home circumstances were unsatisfactory.

MATERNAL MORTALITY

MATERNAL MORTALITY	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
(a) Total Number	7	8	4	2	7	1	4	6	3	2	4	1	3	3	2	2	5	6	—	—	—
(b) From Sepsis	3	2	2	1	2	1	—	1	—	—	2	—	—	—	—	—	2	—	—	—	—
(c) From other causes	4	6	2	1	5	—	4	5	3	2	2	1	1	3	2	2	3	6	—	—	1
(d) From associated causes	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	2
(e) Rate per 1,000 births—	6.1	7.69	3.9	1.9	6.88	1.08	4.4	6.3	3.3	1.99	3.69	.9	2.8	2.7	2.08	1.75	4.2	5.4	Nil	Nil	3.2
L.B.																					
T.B.	5.69	7.13	.62	1.8	6.4	1.02	4.2	5.9	3.1	1.9	3.53	.9	2.7	2.63	1.9	1.67	4.0	5.9	Nil	Nil	2.9

OPHTHALMIA NEONATORUM

Number of cases notified	..	..	Nil
Rate per thousand births	..	..	Nil

BOARDING-OUT OF CHILDREN

The undermentioned particulars here are supplied by the Children's Officer :

Children Boarded-out as on the 1st of September 1951

1. Merthyr children boarded-out in Merthyr	..	..	43
2. Children boarded-out in Merthyr by other Authorities			8
3. Children supervised under Child Life Protection provisions	..	..	10

ORTHOPAEDIC CASES OF CHILDREN UNDER SCHOOL AGE

The following is the table of work done during the year :—

MERTHYR CENTRE :

Number of cases	..	..	..	..	..	..	93
Number of sunlight cases	..	..	..	..	..	..	86
Number of massage and exercise treatments given						..	361
Number of ultra-violet ray treatments				..	..	..	423
Number of Plaster of Paris cases	..		..	..	..	..	7
Number of visits	..	..	..	..	..	..	23

DOWLAIS CENTRE :

Number of cases	..	..	..	..	..	..	39
Number of sunlight cases	..	..	..	..	..	..	7
Number of massage and exercise treatments given						..	189
Number of Plaster of Paris cases	..		..	..	..	..	3
Number of ultra-violet ray treatments				..	..	..	69

TREHARRIS CENTRE :

Number of cases	..	..	..	..	..	..	23
Number of massage and exercise treatments given						..	52
Number of Plaster of Paris cases	..		..	..	..	..	2
Number of visits	..	..	..	..	..	..	5

Infectious Diseases.

SCARLET FEVER

Number of cases for the year 1951 87

Number of deaths Nil

SCARLET FEVER—AGE/WARD DISTRIBUTION.

		Under					65 and	
		1	1-5	5-15	15-25	25-45	45-65	over Total
Dowlais ..	—	3	18	3	1	—	—	25
Penydarren	—	3	7	—	—	—	—	10
Park.. ..	—	4	3	1	1	—	—	9
Cyfarthfa ..	1	4	5	2	—	—	—	12
Town ..	—	5	14	2	—	—	—	21
Plymouth ..	—	—	1	—	—	—	—	1
Merthyr Vale	—	—	1	—	—	—	—	1
Treharris ..	—	3	4	1	—	—	—	8
TOTAL ..	1	22	53	9	2	—	—	87

Of the 87 notified, 20 were removed to hospital, and the remainder were nursed at home. The disease continues to be mild in type.

MEASLES

Number of Cases for the Year 1951 207

Number of Deaths Nil

DIPHTHERIA

The number of cases of Diphtheria was	..	..	13
Number of deaths	..	..	Nil
Death Rate	..	..	Nil

During the year 1951 the total number of cases of diphtheria notified was 13, but none of these were cases of clinical diphtheria. I propose in future, to give the case mortality and incidence on this basis. In previous years all cases that have been admitted to the Isolation Hospital as diphtheria have been taken as the true figure, and case mortality and incidence have been based on that. That return, of course, was inaccurate, but now that we have come to the true statistical figure, we find that our case mortality is Nil.

No death occurred during 1951.

As stated in a previous Report, an immunisation campaign was commenced on the 12th of September, 1934.

Number of children completely immunised up to and including 31st December, 1951	18,783
--	--------

CEREBRO-SPINAL FEVER

No case of Cerebro-spinal Fever was notified during the year.

ACUTE POLIOMYELITIS AND ENCEPHALITIS LETHARGICA

There were no cases notified during the year. There were no deaths during the year.

DIARRHOEA

There were eight deaths from diarrhoea during the year.

TUBERCULOSIS

The total deaths from Tuberculosis during the year was 29.

NOTIFICATIONS.

Total number of Notifications	..	..	..	106		
Pulmonary	..	..	Males	..	..	51
			Females	..	..	48
Non-Pulmonary	..	..	Males	..	..	5
			Females	..	..	2

NOTIFICATION RATES :

Pulmonary	..	..	Males	..	..	.84
			Females	..	..	.79
Non-Pulmonary	..	..	Males	..	..	.08
			Females	..	..	.03

DEATHS.

Total number of Deaths	..	..	..	..	29
Pulmonary	..	..	Males	..	12
			Females	..	10
Non-Pulmonary	..		Males	..	3
			Females	..	4

DEATH RATES :

Pulmonary	..	..	Males	..	..	.19
			Females	..	..	.17
Non-Pulmonary	..		Males	..	..	.05
			Females	..	..	.07
Total Death Rate (all forms)	..	..	..	..	..	.48

The age distribution is given in the sub-joined table :

Age Periods	Deaths				Notifications			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1	—	—	—	—	3	—	—	—
1—5	—	—	—	—	—	1	—	—
5—15	—	—	—	—	—	3	1	1
15—45	3	4	—	1	39	33	3	2
45—65	6	6	1	3	14	3	—	—
65 and upwards	3	—	2	—	3	—	—	—
TOTALS	12	10	3	4	59	40	4	3
	29				106			

DIAGNOSIS	Pulmonary				Non-Pulmonary				Total				Grand Total
	Adults		Children		Adults		Children		Adults		Children		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A—1. DEFINITE CASES of Tuberculosis on Register at beginning of year	290	276	41	21	32	33	8	12	322	309	49	33	713
2. Transfers	2	6	—	—	—	—	1	—	2	6	1	—	9
3. Lost sight of cases returning	2	2	—	—	—	1	—	—	2	3	—	—	5
B—NUMBER OF NEW CASES diagnosed as tuberculous during year													
1. Class A. (T.B.) Minus ..	27	27	1	4	3	3	—	1	30	30	1	5	66
2. Class B. (T.B.) Plus ..	16	11	—	1	—	—	—	—	16	11	—	1	28
C—NUMBER OF CASES included in A and B written off the Dispensary Register during the year as—	337	322	42	26	35	37	9	13	372	359	51	39	821
(1) Recovered ..	2	4	3	5	1	2	—	—	3	6	3	5	17
(2) Dead (all causes) ..	10	5	—	—	—	—	—	—	10	5	—	—	15
(3) Removed ..	2	5	—	—	—	—	—	1	2	5	—	1	8
(4) For other reasons ..	10	8	1	3	—	5	—	2	10	13	1	5	29
D—NUMBER OF DEFINITE CASES of tuberculosis on the Dispensary Register at the end of year ..	313	300	38	18	34	30	9	10	347	330	47	28	752

The Ward distribution of the Notifications was as follows :—

Dowlais	..	12	Town	..	15
Penydarren	..	9	Plymouth	..	21
Park	..	15	Merthyr Vale		16
Cyfarthfa	..	10	Treharris	..	7

The Ward distribution of the deaths was as follows :—

Dowlais	..	10	Town	..	5
Penydarren	..	3	Plymouth	..	1
Park	..	4	Merthyr Vale		1
Cyfarthfa	..	2	Treharris	..	3

Of the 29 deaths, 18 occurred at home and 11 at institutions.

WHOOPING-COUGH

Number of deaths from Whooping Cough	..	..	..	1	
Number of cases notified to the Department and visited by Health Visitors	..	..	..	..	103
Whooping Cough Death Rate	..	..	..	..	.02

PNEUMONIA

Number of Notifications received during the year	..	..	14			
Number of Deaths	..	..	..	..	..	30
Pneumonia Death Rate	..	..	..	..	..	.50

SMALL-POX

No case of Small Pox was notified during the year.

VENEREAL DISEASES

The facilities for diagnosis and treatment for the above condition are in the Mardy Hospital Grounds.

The Clinics are available at 3 p.m. for females on Tuesdays and for males on Thursdays at 5 p.m. The Irrigation Room is open daily (except Sundays) at 12 noon and 5 p.m.

On January 1st, 1951, 4 males and 7 females were under treatment, and during the year 33 males and 11 females came under treatment for the first time. The number of cases which ceased to attend before the completion of treatment was 4 males and 1 female. One male was transferred to another centre for treatment.

The number of cases remaining under treatment on the 31st December, 1951, was 5 males and 5 females.

The number of attendances—

(a) For individual attention of the Medical Officer was 276 males and 228 females.

(b) For intermediate treatment, *e.g.*, irrigation, was Nil.

A number attending the Clinic were from Glamorgan, Monmouthshire and Breconshire.

Attendances at V.D. Clinic 1927—1951

<i>Year.</i>		<i>Males</i>		<i>Females</i>		<i>Total</i>
1927	..	3862	..	776	..	4633
1928	..	3915	..	1651	..	5566
1929	..	4424	..	1843	..	6267
1930	..	4109	..	1648	..	5757
1931	..	3653	..	1685	..	5338
1932	..	4219	..	1620	..	5839
1933	..	4361	..	1905	..	6266
1934	..	6120	..	1458	..	7578
1935	..	6887	..	1928	..	8815
1936	..	5981	..	1697	..	7678
1937	..	6564	..	1689	..	8253
1938	..	6018	..	1321	..	7339
1939	..	5802	..	995	..	6797
1940	..	4129	..	1070	..	5199
1941	..	2346	..	1459	..	3805
1942	..	2234	..	1851	..	4085
1943	..	1946	..	1699	..	3645
1944	..	2744	..	1110	..	3844
1945	..	2446	..	1430	..	3876
1946	..	2809	..	969	..	3778
1947	..	1406	..	681	..	2087
1948	..	1458	..	905	..	2363
1949	..	484	..	291	..	775
1950	..	671	..	306	..	977
1951	..	276	..	228	..	508

Syphilitic Diseases

Number of Deaths Nil

ERYSIPELAS.

Number of Notifications received during the year	3
Number of Deaths	Nil

The total number of notifications of persons suffering from Erysipelas received during the year 1951 was 3, as compared with 6 in the previous year.

CHICKEN-POX.

Chicken-pox was not notifiable during the year, and we have no knowledge of the number of cases that occurred.

BRONCHITIS.

Number of Deaths	83
Bronchitis Death Rate	1.37

Sixty-eight of the deaths occurred amongst persons aged 65 years and over. Of these 45 were males and 23 were females.

THE MARDY ISOLATION HOSPITAL

I have included this year details regarding the Mardy Isolation Hospital although, as stated in my remarks previous to the report, this is a service controlled by the Regional Hospital Board but owing to its association with the general work of prevention I think it is a matter of interest to include same.

Similar details are being given regarding Gwaunfarren Maternity Home because of the association with our Ante-natal Clinics.

Cases are admitted for infectious diseases from the County Borough of Merthyr Tydfil, Aberdare Urban District Council, Vaynor and Penderyn R.D.C. and from the Borough of Brecon.

Laboratory Investigations

WATER ANALYSIS, 1951

During the year 1951, sixteen samples of water were taken for chemical and bacteriological examination. The following are details of these examinations :—

BACTERIOLOGICAL EXAMINATIONS :

1. Filtered Water :
 - a.* Tap at 14 Stuart Street, Merthyr Tydfil. Satisfactory.
 - b.* Tap at 2 Tabernacle Court, Merthyr Tydfil. Satisfactory.
 - c.* Drinking Fountain at Kayser Bondor, Pentrebach. Satisfactory.
 - d.* Tap at 1 Brynhyfryd Villas, Troedyrhiw. Satisfactory.
2. Unfiltered Water :
 - a.* Gurnos Cottages, Merthyr Tydfil. Satisfactory.
 - b.* Water seepage into 1a Glantaf Road, Troedyrhiw. Unsatisfactory.
 - c.* Gwaunfarren Baths, Merthyr (Public Swimming Bath). Satisfactory.
 - d.* Plasycod Cottage, Troedyrhiw. Unsatisfactory.
 - e.* Penoyre House, Brecon. Unsatisfactory.

CHEMICAL EXAMINATIONS :

1. Filtered Water :

- | | | |
|----|--|---|
| a. | Drinking Fountain at Kayser Bondor, Pentrebach | The physical characters were unsatisfactory due to presence of oxidised iron causing turbidity. |
| b. | Tap at 1 Brynhyfryd Villas, Troedyrhiw. | A safe neutral water. Colour figure is high. |

2. Unfiltered Water :

- | | | |
|----|---|--|
| a. | Gurnos Cottages, Merthyr | Of doubtful organic quality. |
| b. | 1a Glantaf Road, Troedyrhiw | Is likely to be a polluted water from a fairly deep source and not surface drainage or crude sewage. |
| c. | Gwaunfarren Baths, Merthyr (Deep End). | Satisfactory. |
| d. | Gwaunfarren Baths, Merthyr (Shallow End). | Satisfactory. |
| e. | Plasycloed Cottage, Troedyrhiw. | Of good organic quality. |

There are fifty-one dwellings out of a total of approximately 17,500 houses, shops, farms, licensed houses, etc., which, because of their outlying or high lying positions are not connected with the public water supply. These premises are regularly visited by the Sanitary Inspectors. A bacteriological sample taken from a spring supplying one such house was reported as being unsatisfactory and the Borough Engineer has decided to connect these premises to the public water supply.

All bacteriological samples of water from the public supply were found to be satisfactory. There was no evidence of plumbo-solvency or lead contamination in any of the samples examined. There are no stand pipes in the County Borough Area.

LABORATORY INVESTIGATIONS

The total numbers of specimens submitted for the year 1951, were as follows :—

Examinations of Pathological Specimens :—

Throat and Nasal Swabs	..	..	..	221
Faeces	..	..	..	117
C.S. Fluid	..	..	..	20
Urine	..	..	..	2
Examination of milk (Bacteriological)	..	..	..	148
Examination of Icecream (Bacteriological)	..	..	..	35
Examination of Water (Bacteriological)	..	..	..	9

Details of specimens submitted from the Ante-Natal Clinics :

Examination for Rh Factor	..	..	..	..	552
Examination—Kahn and Wassermann Reaction	..				472
Examination—G.C.F.	..	..	..	..	472
Examination—Blood-Urea	..	..	..	..	12

The above laboratory examinations are carried out variously at the Welsh National School of Medicine, The Public Health Laboratory Service and the National Blood Transfusion Service Laboratories.

Inspection and Supervision of Food Stuffs.

MILK SUPPLY

On December 31st, 1951, there were 26 retail purveyors of milk in the County Borough.

MILK LICENSES

The following licenses were issued during the year :—

Dealers' Licenses, authorising the use of the special designation, "Tuberculin Tested" in respect of a farm at which the milk is or is not bottled	2
--	---

Dealers' License authorising the use of the special designation "Accredited" in respect of a farm at which the milk is or is not bottled	1
--	---

Dealers' Licenses authorising the use of the special designation, "Pasteurised" milk	22
--	----

Dealers' Licenses authorising the use of the special designation "Tuberculin Tested Milk (Pasteurised)"	12
---	----

Pasteurisers' Licenses authorising the use of the special designation, "Pasteurised"	2
--	---

INSPECTION OF DAIRIES AND COWSHEDS :—

During the year the Sanitary Inspectors paid 418 visits of inspection to the dairies and cowsheds, and 16 notices were served under Milk and Dairies Orders and other Regulations in respect of dairies, cowsheds and milk-shops.

BACTERIOLOGICAL EXAMINATION OF MILK

The following table details the results of the bacteriological examination of all types of milk sampled in the County Borough during the year 1951:—

<i>Grade of Milk</i>	<i>Number Tested</i>	<i>Number Passed</i>	<i>Failed Meth. Blue Test</i>	<i>Failed Phosphat. Test</i>	<i>T.B. Investig.</i>	<i>T.B. Absent</i>
Pasteurised	71	70	Nil	1	Nil	Nil
T.T. (Past)	54	53	Nil	1	Nil	Nil
T.T.	15	15	Nil	Nil	5	5
Accredited	1	Nil	1	Nil	1	1
Ungraded	7	7	Nil	Nil	4	4

SLAUGHTER-HOUSE AND MEAT INSPECTION

One thousand six hundred and forty visits were made for the purpose of meat inspection by the Sanitary Inspectors, who all possess the Certificate of the Royal Sanitary Institute for the inspection of meat and other foods.

Slaughtering since April, 1940, has been carried on at the Star Slaughter-House.

SLAUGHTER OF ANIMALS ACT, 1933

Sixteen slaughter-men were given licenses during the year, and the provisions of the above Act regarding the humane and scientific slaughter of animals, including sheep and lambs, were carried out.

NUMBER OF ANIMALS SLAUGHTERED :

Cattle, 2,654; Sheep, 13,350; Pigs, 639; Calves, 192.

MEAT CONDEMNED :

Beef, 22,235-lbs.; Beef Offal, 42,392-lbs.; Mutton, 1,762-lbs.; Sheep Offal, 5,651-lbs.; Veal, 357-lbs.; Veal Offal, 51-lbs.; Pork and Pig Offal, 2,195-lbs.

IMPORTED MEAT CONDEMNED :

Beef, 1,004-lbs.; Bacon and Ham, 40-lbs.; Pork, 99-lbs.

FOOD INSPECTION

During the year 1951, the following foodstuffs were found to be unfit for human consumption and were either surrendered and destroyed or returned to a Salvage Depot :—

TINNED FOODS :

Apricots, 82 tins; Apples, 96 tins; Baked Beans, 172 tins; Blackberries, 45 tins; Blackcurrants, 7 tins; Bilberries, 15 tins; Baby Foods, 4; Bacon, 1 tin; Bananas, 3 tins; Beetroot, 39 tins; Cherries, 35 tins; Corned Beef, 202 tins; Carrots, 24 tins; Chicken, 7 tins; Crab, 2 tins; Crawfish, 3 tins; Cockles, 6 tins; Damsons, 12 tins; Fruit Salad, 10 tins; Fish, 4 tins; Greengages, 52 tins; Grapes, 20 tins; Guavas, 1 tin; Gherkins, 6 tins; Grapefruit, 7 tins; Herrings, 5 tins; Ham, 251 tins; Ham 1030 lbs.; Jam, 139 tins; Milk, 494 tins; Meat and Gravy, 25 tins; Macedonia, 1 tin; Minced Meat, 54 tins; Oranges, 37 tins; Peas, 216 tins; Pork Luncheon Meat, 499 tins; Plums, 197 tins; Pickled Cabbage, 15 tins; Pineapple, 30 tins; Pears, 20 tins; Paste, 78 jars; Peaches, 14 tins; Pilchards 4 tins; Pickled Walnuts, 3 jars; Rabbits, 16 tins; Rhubarb, 3 tins; Runner Beans, 10 tins; Raspberries, 15 tins; Sausages, 3 tins; Syrup, 7 tins; Stewed Steak, 46 tins; Spices, 72 tins; Salad Cream, 26 tins; Spaghetti, 18 tins; Sandwich Spread, 6 jars; Sardines, 16 tins; Soup, 221 tins; Strawberries, 14 tins; Sauce, 2 bottles; Tongue, 1 tin; Tomatoes, 2078; Vegetable Salad, 1 tin; Vegetables, 109 tins; Gooseberries, 14 tins; Salmon 22 tins; Milk 8 tins.

FRUIT AND VEGETABLES :

Beetroot, 13 lbs; Figs, 81 lbs.; Sprouts, 1,232 lbs.; Prunes; 30lbs.

GAME, POULTRY, FISH AND MEAT :

Beef, 1,004 lbs; Bacon, 40 lbs.; Chicken, 12 carcasses; Fish, 2,930 lbs.; Pork, 99 lbs.; Rabbits, 16 carcasses, (402 lbs); Sausages, 20 lbs.; Mussells, 10 galls.; Prawns, 28 lbs.

PACKED FOODS :

Barley, 4 pkts.; Choc. Cakes, 4 bks.; Chcceses, 169 boxes; Dried Eggs, 15 lbs.; Sugar, 56 lbs.; Pudding Mixture, 88 pkts.; Flour, 66 lbs. Tea, 11 lbs.

MISCELLANEOUS FOODSTUFFS :

Chccse, 51 lbs; Biscuits, 148 lbs.; Butter, 60 lbs.; Pies, 43; Ice-Cream, 8 galls.

FOOD AND DRUGS ACTS

The Public Analyst for the County Borough of Merthyr Tydfil is D. Evans Jones, Esq., M.Sc., F.R.I.C. of the Cardiff and County Public Health Laboratory. The following are particulars of various foodstuffs and drugs which were sampled during the year:-

FORMAL SAMPLES :

(a) *Milk*. During the year 1951, 125 samples of milk were taken formally for analysis. Of these, 124 were found to be genuine.

(i.) One sample (M.233) was deficient in Milk Fat to the extent of not less than 2%. Prosecution was not advised by the Public Analyst.

(b) *Sausages*. Six formal samples of sausages were taken, one of which did not conform with the Meat Products and Canned Meat Order, 1948, being reported by the Public Analyst as follows:—

(i.) One sample (M.263) 4% deficient in meat content. This sample, although not genuine, was of inferior quality, the deficiency being within the lower prescribed limit.

(c) *Butter*. Nine formal samples of butter were all reported genuine and of good quality.

(d) *Cooking Fat*. One sample of Cooking Fat was examined and found to be genuine.

(e) *Lard*. Two formal samples of lard were examined and found to be genuine.

(f) *Bismuth and Magnesia*. One formal sample of bismuth and magnesia was examined and found to be genuine.

(g) *Beer*. Eleven formal samples of beer were examined during the year and all were reported to be genuine.

INFORMAL SAMPLES

<i>Commodity</i>		<i>Taken</i>	<i>Genuine</i>
Almond Essence	.. ..	1	1
Arrowroot	.. ..	1	1
Beer	.. ..	1	1
Barley Flour	.. ..	1	1
Barley Flakes	.. ..	1	1
Baking Powder	.. ..	3	2
Butter Scotch Dessert	.. ..	1	1
Blanc-mange Powder	.. ..	6	6
Cloves	.. ..	1	1
Carraway Seeds	.. ..	1	1
Corn Flour	.. ..	1	1
Custard Powder	.. ..	5	5
Cooking Fat	.. ..	1	1
Coffee Essence	.. ..	1	1

Informal Samples -- continued.			Taken	Genuine
Cake Mixture	..	..	3	3
Dessert Powder	..	..	1	1
Dried Thyme	..	..	1	1
Dried Sage	..	..	1	1
Dripping	..	..	1	1
Dessicated Coconut		..	3	3
Fig Paste	..	..	1	1
Flour, Self-Raising		..	1	1
Ground Nutmeg		..	5	5
„ Cinnamon	..	..	2	2
„ Almonds	..	..	1	1
„ Coffee	..	..	1	1
„ Rice	..	..	1	1
Gravy Browning		..	1	1
Ginger Wine Essenee		..	1	1
Grape Fruit Squeeze		..	3	2
Harriet Beans	..	..	1	1
Jam	..	..	3	3
Jelly	..	..	8	8
Lemonade Crystals		..	2	2
Malt Vinegar	..	..	1	1
Milk Powder	..	..	1	1
Milk	..	..	61	61
Milk Whipping	..	..	1	1
Mixed Spice	..	..	4	4
Mace	..	..	1	1
Mustard	..	..	1	1
Prunes	..	..	1	1
Paste, Fish	..	..	2	2
Piekling Spice	..	..	3	3
Pearl Barley	..	..	4	3
Parsley and Thyme		..	1	1
Rice	..	..	3	3
Sago	..	..	1	1
Split Peas	..	..	2	2
Split Lentils	..	..	1	1
Soyghetti	..	..	1	1
Shortbread Mixture		..	1	1
Scone Flour	..	..	1	1
Semolina	..	..	1	1
Sponge Flour	..	..	1	1
Sponge Mixture	..	..	8	8
Sage and Onion Stuffing			2	2
Spaghetti Pearls.	..	..	1	1
Sild Paste	..	..	1	1
Soup Mixture	..	..	1	1
Soft Drinks	..	..	5	5
Tunney Fish	..	..	2	2
Tapioca Flake	..	..	3	3
Table Salt	..	..	1	1

Informal Samples—continued.	Taken	Genuine
Tomatoes	1	1
Tea	1	1
Table Relish	1	1
White Pepper	1	1
Yorkshire Pudding Mixture	1	1
	<hr/>	<hr/>
INFORMAL FOODS	188	185
	<hr/>	<hr/>
Aspirin	2	2
Bicarbonate of Soda ..	3	3
Bismuth and Magnesia ..	1	—
Castor Oil	2	2
Camphorated Oil ..	1	1
Cream of Tartar	1	1
Daisy Powder	1	1
Epsom Salts	3	3
Flu Powders	1	1
Olive Oil	1	1
	<hr/>	<hr/>
INFORMAL DRUGS	16	15
	<hr/>	<hr/>

The four informal samples reported as not being genuine, are detailed hereunder :

- (i) Baking Powder : One sample deficient in Carbon Dioxide (25%).
- (ii) Grape Fruit Squeeze : One sample contained an undesirable amount of lead.
- (iii) Pearl Barley : One sample infested with meal mite.
- (iv) Bismuth and Magnesia : One sample deficient in Bis. Carb. to extent of not less than 90%.

ICE CREAM

In the County Borough Area, there are seventeen manufacturers of icecream, all of whom are also registered for the sale of icecream. In addition, there are forty-five retailers of icecream, making a total of sixty-three dealers in icecream. With the exception of a few small manufacturers who use the "cold mix" process, all manufacturers possess fully equipped dairies and the icecream is properly processed in accordance with the Icecream (Heat Treatment) Regulation 1948. These dairies are regularly inspected by the Sanitary Inspectors and a high standard of cleanliness is maintained.

During the year 1951, 35 samples of icecream were taken for bacteriological examination and these were reported by the Analyst as follows :

<i>Provisional Grading</i>	<i>No.</i>	<i>Percentage</i>
One	23	65.7%
Two	2	5.8%
Three	3	8.5%
Four	7	20.0%

Nineteen samples were examined for fat content under the Food and Drugs Act. Thirteen were reported genuine. The following are details of the remaining six samples :—

Formal Samples :

One sample 37% deficient in fat content. Retailer fined £6 6s. 0d. and costs.

One sample 33% deficient in fat content. Retailer fined £7 and costs.

Informal Samples :

One sample	20%	deficient in fat content.
do.	45%	do. do.
do.	16%	do. do.
do.	11%	do. do.

Subsequent samples of these four informal samples proved to be genuine.

PUBLIC HEALTH (MEAT) REGULATIONS, 1924

The regulations generally have been satisfactorily carried out during the year. The handling and transport of meat is observed in accordance with the above regulations, and the hawkers' vans are protected in such a manner as to prevent contamination of the meat.

Notice of emergency slaughter continues to be given where necessary. The slaughter of pigs, for home consumption, is carried out at the cottager's premises, prior notice being given in each case as to the place and time of slaughter.

All meat-carriers in the Borough are provided with and wear washable head-covering and overalls when carrying meat.

NUMBER KILLED :

<i>Bulls and Steers</i>	<i>Cows and Heifers.</i>	<i>Calves.</i>	<i>Sheep and Lambs.</i>	<i>Pigs.</i>
1,058	1,596	192	13,350	639

NUMBER INSPECTED :					Total Inspected
1,058	1,596	192	13,350	639	16,835

ALL DISEASES EXCEPT TUBERCULOSIS :

Whole carcasses condemned :—

<i>Bulls and Steers.</i>	<i>Cows and Heifers.</i>	<i>Calves.</i>	<i>Sheep and Lambs.</i>	<i>Pigs.</i>
—	2	7	51	1

Carcase of which some part or organ was condemned :—

<i>Bulls and Steers.</i>	<i>Cows and Heifers.</i>	<i>Calves.</i>	<i>Sheep and Lambs.</i>	<i>Pigs.</i>
621	838	8	1,832	20

PERCENTAGE of the number inspected affected with disease other than tuberculosis—20.07

TUBERCULOSIS ONLY :

Whole carcasses condemned:—

<i>Bulls and Steers.</i>	<i>Cows and Heifers.</i>	<i>Calves.</i>	<i>Sheep and Lambs.</i>	<i>Pigs.</i>
8	18	—	—	6

Carcasses of which some part or organ was condemned :—

<i>Bulls and Steers.</i>	<i>Cows and Heifers.</i>	<i>Calves.</i>	<i>Sheep and Lambs.</i>	<i>Pigs.</i>
192	261	—	—	34

PERCENTAGE of the number inspected affected with tuberculosis—3.07.

INSPECTION OF PLACES WHERE FOOD IS PREPARED

RESTAURANT KITCHENS. Including licensed premises where food is prepared, there are 69 in the Borough, of which 16 are factory canteens, 34 school canteens and 3 collicry canteens.

FISH-FRYING AND CHIP POTATO SHOPS. There are 33 in the Borough, and these are regularly visited by the Sanitary Inspectors, who report favourably as to their conditions and absence of nuisance.

BAKEHOUSES. Fifty-five premises were in use during the year, including one certified underground bakchouse. Three hundred and eight visits were made during the year; 37 notices of repairs and lime-washing, etc., were served. The conditions generally were satisfactory.

BUTCHERS. Small goods, including brawn, polonies, pies, faggots, etc., were prepared at 46 butchers' establishments and one cottage. At the butchers' establishments the work is carried out in a special room, and electric power is available. In the cottage small business is done. All the premises are regularly visited by the Inspectors, and the conditions found to be satisfactory.

Sanitary Inspections of the Area.

Of the Notices served, 572 were Statutory and 866 Informal.

DISTRICTS

<i>Nuisances detected—</i>	No. 1	No. 2	No. 3	No. 4	No. 5	Total
1. Dilapidated, defective and choked drains	119	99	95	92	93	498
2. Insufficient w.c. accommodation	6	4	18	14	16	58
3. To open and repair slop drains	64	56	41	40	54	255
4. To provide slop drains ..	3	2	2	5	2	14
5. To drain urinals	2	1	—	—	—	3
6. To renew or repair cisterns in w.c.'s	18	12	14	14	17	75
7. To pave backyards	18	16	16	15	11	76
8. To repair stable drains ..	—	—	—	—	—	—
9. To provide manure receptacles	—	—	—	—	—	—
10. To remove foul accumulations	26	41	24	27	21	139
11. To repair dilapidated dwellings	52	48	55	44	53	252
12. To cleanse dwelling-houses ..	21	14	24	15	28	102
13. To provide rainwater troughing	96	104	85	88	83	456
14. To prevent escape of sewer gas into houses	9	4	6	5	17	41
15. To ventilate drains	4	5	6	5	5	25
16. To remove fowls, animals, etc.	4	—	3	2	2	11
17. To prevent overcrowding ..	—	—	—	—	—	—
18. Under Slaughterhouse Byelaws	—	—	—	—	—	—
19. Under Factory Act	18	10	6	11	16	61
20. Under Dairies and Cowsheds Regulations	6	3	5	3	4	21
21. To provide a separate water supply	—	—	—	2	—	2
22. To prevent pollution of brook ..	10	—	9	3	2	24
23. Common Lodging-houses ..	4	—	—	—	—	4
24. Houses let in lodgings	12	—	6	34	6	58
25. To repair defective roofs causing dampness	121	143	126	138	147	675
26. To remove long hopper pans ..	2	10	4	6	9	31

SANITARY INSPECTIONS—*continued.*

	DISTRICTS					Total
	No. 1	No. 2	No. 3	No. 4	No. 5	
<i>Nuisances detected—</i>						
27. To provide sinks in houses ..	4	—	—	2	—	6
28. To connect drainage cesspit to sewer	—	—	—	—	—	—
29. To cleanse cesspit	—	—	—	—	4	4
30. To close stable as insanitary ..	—	—	—	—	—	—
31. To divide common backyard	—	—	—	—	—	—
32. To provide proper coalplaces..	10	9	15	10	14	58
33. Other nuisances	72	131	110	103	94	510

H O U S I N G

INSPECTIONS MADE DURING THE YEAR :

House-to-house	326	231	391	243	284	1475
Council Houses	138	65	183	103	83	572
Mechanical Factories	87	42	60	68	72	329
Non-Mechanical Factories ..	54	38	40	36	43	211
Bakehouses	56	79	47	64	62	308
Workplaces	44	41	48	54	41	228
Food Preparation Premises ..	136	166	98	125	76	601
Canteens	90	54	71	83	70	368
Fish Fryers	99	73	60	48	53	333
Inns, Public Houses, etc. ..	135	60	79	117	62	453
Milk and Dairies Regulations ..	108	69	61	77	83	418
Slaughter-houses and Meat Dep.	145	407	338	387	363	1640
Offensive Trades	60	—	20	1	—	81
Food Hawkers	76	40	39	32	36	223
Common Lodging-houses ..	49	—	2	7	—	58
Houses let in lodgings	52	—	27	77	38	194
Infectious diseases investigated..	65	27	65	40	56	253
Infectious diseases re-visits ..	69	29	62	37	52	249

RESULTS OF THE ABOVE INSPECTIONS :

Complaints received	219	208	222	189	200	1038
Nuisances detected	701	712	670	678	698	3459
Nuisances abated	657	648	565	573	634	3077
Notices issued	278	292	292	275	301	1438
Clothing/Premises disinfected ..	67	30	60	45	46	248
Premises disinfested	105	9	24	15	28	181
Lengths of Drains tested (in feet)	2202	1556	1877	3950	1415	11000

RODENT CONTROL.

Prevention of Damage by Pests Act, 1949.

In accordance with the requirements of the above Act and instructions issued by the Director of Infestation Control, Ministry of Agriculture and Fisheries, the work of Rodent Control was continued throughout the year by the Rodent Control Staff under the supervision of the Chief Sanitary Inspector.

Complaints from Occupiers of 433 premises were investigated and treatment carried out where necessary. Numerous other infestations were discovered and were dealt with accordingly. In addition the baiting and poisoning the sewers throughout the County Borough was continued.

1. TREATMENT OF SEWERS.

The Treatment of Sewers was completed in accordance with the Ministry of Agriculture and Fisheries instructions.

Two maintenance treatments were carried out as follows :—

1st Maintenance Treatment—29th January to 3rd March, 1951.

No. of manholes in foul and connected systems ..	1774
No. of manholes baited	1387
No. of manholes showing pre-bait take	798

Sequence of baiting—Consecutive days

Bait and Poison used—Bread Mash and Arsenic

Note :—21 manholes were flooded and could not be treated.

2nd Maintenance Treatment—2nd July to 4th August, 1951.

No. of manholes in foul and connected systems ..	1830
No. of manholes baited	1830
No. of manholes showing pre-bait take	840

Sequence of baiting—1st, 3rd and 5th days

Bait and Poison used—Sausage Rusks and Zinc Phosphide

The work carried out is enumerated in the following table :—

2. SURFACE DISINFESTATION.

	TYPE OF PROPERTY				
	Local Authority	Dwell- ing Houses	Agri- cultural	All Others	TOTAL
No. of properties inspected as a result of :—					
(a) Notification	65	292	—	76	433
(b) Otherwise	140	150	71	127	488
No. of Inspections made	335	760	71	281	1447
No. of properties found to be infested by rats.					
Major	78	10	—	19	107
Minor	48	153	3	37	241
No. of properties found to be infested by mice	4	155	—	22	181
No. of infested properties treated by Local Authority	130	318	—	78	526
No. of notices served under Section 4 :—					
(1) Treatment	—	—	—	—	—
(2) Structural Works (i.e) proofing	—	—	—	—	—
No. of “ block ” control schemes carried out—12					
Details :—	23	21	—	2	46
No. of manholes treated in connection with the above “ block ” schemes	—	—	—	—	65
No. of carcasses found following treatment					
(a) Rats	208	115	—	99	422
(b) Mice	14	229	—	22	265

3. REFUSE TIPS.

All Refuse Tips in the Borough were inspected regularly during the past year and where infestations were found they were dealt with accordingly.

SHOPS ACTS 1950 and other MISCELLANEOUS ACTS

Shops Act 1950 :

In connection with this Act and the Young Persons (Employment) Act 1938, 631 visits of inspection etc. were made in order to ensure the records, hours of employment etc. were correctly observed at shops, wholesalers and other premises where this Act is operative. A small number of minor infringements were noted but these were corrected on giving a verbal warning. Four written notices were issued for non-compliance.

754 visits of inspection and registration were made under Section 37 of the Shops Act 1950, which embraces the health and welfare of shop workers, and also under the Early Closing, and Hours of Closing Sections. Thirty-two informal notices were served under Section 37 and details of these are enumerated below :

<i>Requirement</i>	<i>Number Defective</i>	<i>Informal Notices Served</i>	<i>Statutory Notices Served</i>
Provision and maintenance of :			
<i>a</i> Sanitary Conveniences	27	13	3
<i>b</i> Washing Facilities	19	15	2
<i>c</i> Temperature	10	4	2
<i>d</i> Ventilation	5	Nil	Nil
<i>e</i> Facilities for Meals	4	Nil	Nil
TOTAL	65	32	7

There were no prosecutions under the Shops Act during 1951.

Pharmacy and Poisons Act :

Thirty-seven premises are registered for the sale of Poisons listed in Part II of the Pharmacy and Poisons Act, 1933. One hundred and fifteen visits of inspection were made during the year and in all cases the Act was properly observed.

Refreshment Houses Act, 1870.

Forty-three licenses of registration under this Act were issued by the Town Clerk's Department during the year. Four written warnings were issued for non-compliance.

Fertilizer and Feeding Stuffs Act 1926.

D. Evans Jones, Esq., M.Sc., F.R.I.C., of the Cardiff and County Public Health Laboratories is the Official Analyst to the County Borough under this Act. The Chief Sanitary Inspector, Mr. Iorwerth Thomas, is the Inspector and Official Sampler appointed by the County Borough. The following are details of the twenty-two samples of various feedings stuffs taken during the year.

Number taken	22
Number reported as being satisfactory ..	19
Number reported as being within the prescribed limits of variation ..	2
Number reported as being below the prescribed limits of variation but not considered to be prejudice to the purchaser	1

All the above samples were taken informally.

COMMON LODGING HOUSES

There are 8 common lodging-houses in the Borough, and 56 visits of inspection were made by the Inspectors. Four notices were served during the year to abate nuisances or remedy defects. The conditions generally may be said to be fairly satisfactory.

HOUSES LET IN LODGINGS

Thirty-one remain on the Register. One hundred and ninety four visits of inspection were made by the Sanitary Inspectors, and 35 notices were served, to abate nuisances or remedy defects.

OFFENSIVE TRADES

There are now 5 premises where offensive trades are carried on : gut-serapers, 2; fellmonger, 1; knackers, 1; fat-rendering, 1. No complaints regarding these premises were received during the year.

SCHOOLS

The sanitary condition has been reported on in the School Medical Report to the Ministry of Education. The action taken in relation to the health of the scholars and for preventing the spread of infectious diseases is in conformity with the Memorandum on the Closure and Exclusion from School, 1925, issued conjointly by the Ministry of Health and the Ministry of Education, and revised in 1943.

CLOSET ACCOMMODATION

Seventy-five notices to repair or replace cisterns in w.e.'s and 31 notices to replace long hopper pans, have been served. In addition, 524 notices were served to repair dilapidated, defective and choked drains

Public Cleansing

REFUSE COLLECTION :

Takes place on alternate days throughout the Borough.

The gradual change-over of the method of collection from horse to mechanical transport is taking place and will be completed in the near future.

REFUSE DISPOSAL :

Refuse collected from the Town, Dowlais, Penydarren and Park Areas was deposited at the Llyn, Penyard for most of the year, and later at a Swansea Road site.

Refuse from the Lower valley areas—(a) Abercanaid, Pentrebach, Troedyrhiw and Merthyr Vale at Maestaf site, Pentrebach. (b) Treharris, Quaker's Yard and Abercynon at Cardiff Road, nr. Pontygwaith.

STREET CLEANSING :

Roads and streets throughout the Borough are cleansed each day by manual brushing. Street gullies are now being emptied and cleansed by Automatic Gully Cleansers.

Prosecutions, 1951.

The following is a summary of Police Court proceeding taken during the year :

	Nature of Offence, and Act under which proceedings were taken	Initials of Defendant	Remarks
1.	Nuisance under Public Health Act, 1936	I.E. & Co.	Withdrawn
2.	Nuisance under Public Health Act, 1936	G.J.	Withdrawn
3.	Nuisance under Public Health Act, 1936	I.E. & Co.	Withdrawn
4.	Nuisance under Public Health Act, 1936	T.J.S.	Order for 6 weeks and Costs
5.	Nuisance under Public Health Act, 1936	B.J.	Withdrawn on payment of Costs
6.	Nuisance under Public Health Act, 1936	I.E. & Co.	Withdrawn on payment of Costs
7.	Nuisance under Public Health Act, 1936	A.E.M.	Withdrawn
8.	Nuisance under Public Health Act, 1936	M.A.W.	Withdrawn on completion of work
9.	Nuisance under Public Health Act, 1936	J.H.M.	Order for 28 days and Costs
10.	Nuisance under Public Health Act, 1936	E.V M.	Withdrawn
11.	Nuisance under Public Health Act, 1936	E.V.M.	Withdrawn
12.	Nuisance under Public Health Act, 1936	I.R.D.	Withdrawn
13.	Nuisance under Public Health Act, 1936	H.H.	Withdrawn
14.	Nuisance under Public Health Act, 1936	H.H.	Withdrawn
15.	Nuisance under Public Health Act, 1936	W.M.B.	Withdrawn
16.	Nuisance under Public Health Act, 1936	I.E. & Co.	Withdrawn

Prosecutions—continued

- | | | | |
|-----|---|---------------------|---|
| 17. | Contrary to Section 9 of the Food and Drugs Act, 1938, did sell fish which was unfit for human consumption | W.W. | Was fined £5 with the alternative of 29 days imprisonment |
| 18. | Contrary to Section 107 of the Public Health Act, 1936, dealt in rags and bones and stored rags at front of Plymouth Arms, Merthyr Tydfil | J.B. | Was fined £1 |
| 19. | Contrary to Section 86 of the Public Health Amendment Act, 1907, failed to register as a Marine Store Dealer | R.P. | Was fined £1 |
| 20. | Contrary to Section 86 of the Public Health Amendment Act, 1907, failed to register as a Marine Store Dealer | T.H.P. | Was fined £1 |
| 21. | (a) Contrary to Section 86 of the Public Health Amendment Act, 1907, did not register as a Marine Store Dealer | J.M. | Was fined £1 |
| | (b) Contrary to Section 107, of the Public Health Act, 1936, was a Rag and Bone Dealer | | Was fined £1 |
| 22. | Contrary to Section 154 of the Public Health Act, 1936, supplied articles to children in exchange for old rags | M.R.
&
B.J.B. | Was fined £1
Was fined £1 |
| 23. | Contrary to Section 73 of the Public Health Act, 1936, interfered with a dustbin | F.P. | Dismissed on payment of Costs |
| 24. | Contrary to Section 3 of the Food and Drugs Act 1938, sold Ice Cream which was deficient in
(a) Quality
(b) Substance | F.L. | (a) Was fined £7 on Quality
(b) Costs on Substance |

Prosecutions—continued

- | | | | |
|-----|--|-------------------|---|
| 25. | Contrary to Section 154 of the Public Health Act, 1936, supplied articles to THREE children | S.B. | Was fined £5 on the first case the, other two being dismissed |
| 26. | Contrary to Section 3 of the Food and Drugs Act, 1938, sold Ice Cream which was deficient in
(a) Quality
(b) Substance | L.M.
&
A.M. | (a) Were fined £3 each on Quality
(b) Both ordered to pay 4/- costs on Substance |
| 27. | Contrary to Section 154 of the Public Health Act, 1936, supplied articles to TWO children in exchange for old rags | J.T. | (a) Was fined £3 and 4/5d costs in first instance
(b) Was fined £3 and 4/5d costs in second instance |
| 28. | Contrary to Section 86 of the Public Health Amendment Act, 1907, did not register as an Old Metal Dealer. | J.M. | Was fined £3 |
| 29. | Contrary to Section 86 of the Public Health Amendment Act, 1907, did not register as an Old Metal Dealer | H.B. | Was fined £1 |
| 30. | Contrary to Section 3 of the Food & Drugs Act, 1938, sold Jam containing glass. | N.P.Co. | Was fined £50 and Costs |

HOUSING STATISTICS

NEW HOUSES

Number of New Houses erected during the year :—

(a) Total, including numbers given separately under (b)	..	94
(b) With State assistance under the Housing Acts :—		
(i) By the Local Authority .. .. .	..	92
(ii) By other bodies or persons .. .. .	..	2

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR.

	(1)	(2)	(3)	(4)	(5)	Total
(1) (a) Total number of dwelling houses inspected (for housing defects under Public Health or Housing Acts)	391	323	639	386	423	2162
(b) Number of inspections made for the purpose	521	431	695	455	561	2666
(2) (a) Number of dwelling houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	326	296	574	341	367	1809
(b) Number of inspections made for the purpose	446	408	651	437	469	2411
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	52	48	55	44	53	252
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	217	247	211	226	230	1121

2. REMEDY OF DEFECTS DURING THE YEAR
WITHOUT SERVICE OF FORMAL NOTICES :

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers

165 145 176 135 163 784

3. ACTION UNDER STATUTORY POWERS
DURING THE YEAR :

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :

(1) Number of dwelling houses in respect of which notices were served requiring repairs ..	—	—	—	—	—	—
(2) Number of dwelling houses which were rendered fit after service of formal notices :—						
(a) By Owners	—	—	—	—	—	—
(b) By Local Authority in default of Owners	—	—	—	—	—	—

HOUSING STATISTICS—*continued.*

	(1)	(2)	(3)	(4)	(5)	Total
B.—Proceedings under the Public Health Acts :—						
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	89	134	105	136	118	582
(2) Number of dwelling houses in which defects were remedied after service of formal notices : ..						
(a) By Owners	78	113	84	112	101	488
(b) By Local Authority in default of Owners	—	—	—	—	—	—
C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—						
(1) Number of dwelling houses in respect of which Demolition Orders were made	2	—	4	9	2	17
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	1	—	2	7	2	12
D.—Proceedings under Section 12 of the Housing Act, 1936 :—						
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	—	—	—	—	—	—
Premises closed	—	—	—	—	—	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	—	—	—	—	—	—
E.—Proceedings under Section 3 of the Housing Act, 1925 :—						
(1) Number of dwelling houses in respect of which notices were served requiring repairs	—	—	—	—	—	—
(2) Number of dwelling houses which were rendered fit after service of formal notices :—						
(a) By Owners	—	—	—	—	—	—
(b) By Local Authorities in default of Owners	—	—	—	—	—	—
(3) Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by Owners of intentions to close	—	—	—	—	—	—

HOUSING STATISTICS—*continued.*

	(1)	(2)	(3)	(4)	(5)	Total
F.—Proceedings under Sections 11, 14 & 15 of the Housing Act, 1925 :—						
(1) Number of dwelling houses in respect of which Closing Orders were made	—	—	—	—	—	—
(2) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit	—	—	—	—	—	—
(3) Number of dwelling houses in respect of which Demolition Orders were made	—	—	—	—	—	—
(4) Number of dwelling houses demolished in pursuance of Demolition Orders	—	—	—	—	—	—
Number of removals of tenants under Slum Clearance Scheme ..	—	—	—	15	—	15
From Houses	—	—	—	—	—	—
From Cellars or parts of Houses ..	—	—	—	—	—	—
Furniture and effects disinfected ..	—	—	—	—	—	—

4. NUMBER OF HOUSES OWNED BY THE LOCAL AUTHORITY, DISTINGUISHING THOSE BUILT IN THE LAST THREE YEARS AND HELD UNDER PART 2 OF THE HOUSING ACT, 1925, and (2) OTHER POWERS.

Houses owned by the Local Authority—1951.

By Purchase	7
Under 1890 Act.. .. .	347
Under 1919 Act.. .. .	236
Under 1924 Act	226
Under 1930 Act.. .. .	108
Under 1936 Act.. .. .	1371
	1479

DISINFESTATION OF DWELLINGS

The following table shows the work regarding the eradication of bed bugs.

(a) NUMBER OF COUNCIL HOUSES—	
(i) Found infested	23
(ii) Disinfested	23
(b) NUMBER OF OTHER HOUSES—	
(i) Found infested	142
(ii) Disinfested	142

These houses were visited either in normal house-to-house inspections or as the result of complaints from the tenants. The Inspectors report that excellent results have been obtained by cleaning and scrubbing, carried out systematically, with soap and water, and followed by a thorough spraying with DDT Insecticides.

NATIONAL HEALTH SERVICE ACT, 1946

In the following pages I have dealt with the existing and the newly-inaugurated services which come within the terms of the National Health Service Act, in the following order :-

- Section 22. Care of Mothers and Young Children.
- „ 23. Midwifery.
 - „ 24. Health Visiting.
 - „ 25. Home Nursing.
 - „ 26. Vaccination and Immunisation.
 - „ 27. Ambulance Service.
 - „ 28. Prevention of Illness, Care and After-Care.
 - „ 29. Domestic Help.
 - „ 51. Mental Health.

CARE OF MOTHERS AND YOUNG CHILDREN

SECTION 22.

CHILD WELFARE CLINICS :

There were at the end of 1950, under the control of the Department :-

- 5 infant welfare centres with 5 weekly sessions.
- 5 ante-natal clinics with 6 weekly sessions.
- 5 post-natal clinics with 4 weekly sessions.

The five welfare centres at present in use are as follows :-

- Dowlais Clinic, New Road, Dowlais.
- Glebeland Clinic, Glebeland Street, Merthyr Tydfil.
- St. John's Hall, Troedyrhiw.
- The Vestry, John Street, Treharris.
- Canobie House Clinic, Aberfan.

The total number of attendances at the various infant welfare centres during the year was 8,120, whilst the attendances to the ante-natal clinics were 8,480.

The total number of children who attended at the Centres for the first time during the year, and who, on the date of their first attendance were :-

- | | | | |
|-----|-----------------------------------|-------|------|
| (1) | Under 1 year of age | .. .. | 1102 |
| (2) | Between the ages of 1 and 5 years | | 522 |

The total number of children who attended the Centres during the year, and who at the end of the year, were :-

- | | | | |
|-----|-----------------------------------|-------|-----|
| (1) | Under 1 year of age | .. .. | 620 |
| (2) | Between the ages of 1 and 5 years | | 481 |

The arrangements made in previous years for the staffing of the Centres still exists. We are fortunate to have a full complement of Health Visitors whose duties include Health Visiting and School Medical Service work and attendances at Infant Welfare, Ante-natal and School Medical Clinics.

All mothers are encouraged to attend with their infants at the Infant Welfare Centres where the necessary advice is given. The importance of Diphtheria Immunisation is stressed and facilities are available in another room, during the Infant Welfare Clinic, for the immunising of these children.

Specialist services are available for the infants in respect of :-

- (a) Orthopaedic Defects.
- (b) Ophthalmic Defects.
- (c) Ear, Nose and Throat defects.
- (d) Heart and Rheumatic diseases.

The Consultants available for these Specialist Services are :-

Orthopaedics	..	Mr. A. O. Parker.
Ophthalmics	..	Mr. Rupert Parry.
Ear, Nose and	..	Mr. Alun Thomas and
Throat Defects	..	Dr. Hector Thomas.
Heart and Rheumatic diseases		Professor Arthur G. Watkins, he is also available for general Paediatric advice.

ORTHOPAEDIC DEFECTS :

These are seen by Mr. A. O. Parker, either at special sessions held at the local clinic at Merthyr or alternatively the children are sent to the Prince of Wales' Hospital, Cardiff. Major operations take place in respect of these children at the Prince of Wales' Hospital and to a lesser degree at St. Tydfil's Hospital, Merthyr Tydfil. Minor manipulative work and remedial exercises, massage and physiotherapy in general is dealt with by a specially-trained Orthopaedic nurse and in the body of the report will be found details of the orthopaedic cases of children under school age.

OPHTHALMIC DEFECTS :

Dr. Rupert Parry attends the Clinic and deals with children under and over school age. The number of children under school age dealt with in 1951 by him was 27.

EAR, NOSE AND THROAT DEFECTS :

The visits of Dr. Hector Thomas have been rather infrequent during the year due to pressure of work but recently another Ear, Nose and Throat Consultant has been appointed for the area and commenced duties during the year.

PAEDIATRICS :

Professor A. G. Watkins is always available and sees, during his sessions of school medical service, any children referred to him from the Infant Welfare Clinics. He has also kindly consented to see these children at his own home in case of emergency.

The following are the details of the ante-natal and post-natal attendances during the year :-

(1)	<i>No. of Clinics provided at end of year (2)</i>	<i>No. of sessions now held per month (3)</i>	<i>No. of women who att. during year (4)</i>	<i>No. of new cases incl. in Col. 4 (5)</i>	<i>Total No. of atten. made during year (6)</i>
Ante-natal Clinics	5	30	1003	916	8480
Post-natal Clinics	5	21	115	82	179

In addition to the doctor and health visitor the midwives for the area concerned attend the ante-natal clinics.

All the facilities available in previous years still exist and direct and complete co-ordination exists between the ante-natal service, Gwaunfarren Maternity Home and St. Tydfil's Hospital. Professor Strachan visits the Merthyr Clinic regularly for consultation in respect of abnormal cases. He is also the Consultant employed by the Regional Hospital Board and visits St. Tydfil's Hospital, and in some instances, Gwaunfarren Maternity Home. Gynaecological and other obstetrical cases requiring operative treatment are dealt with, by him, at St. Tydfil's Hospital. Since the operation of the Act no difficulty has been experienced in respect of the liaison between the ante-natal clinics and the hospitals.

CARE OF PREMATURE BABIES :

The facilities for dealing with premature births at St. Tydfil's Hospital are inadequate and this matter is being taken up by the Management Committee of the Regional Hospital Board.

The following are statistics of premature births occurring within the Borough during 1951 :-

1. The number of premature babies notified was 62.

2. Of the above 20 were born at home, 42 in hospital and nursing home.
 3. Of those born at home (20) 2 died in the first 24 hours and 12 were alive at the expiration of one month.
 4. Of those born in hospital (42) 3 died in the first 24 hours and 34 were alive at the expiration of one month.
-

DENTAL CARE :

The figures for the work done at the Maternity and Child Welfare Clinics are given overleaf. There was a falling-off in the attendances of expectant and nursing mothers recorded in the last report but I am pleased to say that the attendances are increasing again and the same pertains to the infants. It was thought that free treatment for mothers and infants by private practitioners would affect our attendances but this has not been so up to the present. The mothers receive full dental treatment including the supply of artificial dentures. Since the previous report an additional dental officer has been appointed and with the opening of a new clinic shortly in the valley will relieve some of the work at the town clinic and save travel and expense to the valley patients. I would like again to record that it is pleasing to note at a school visit, the clean, healthy mouth of some of the children who have been treated previously at the Infant Welfare Clinic. Talks, on the neglect of oral hygiene, to parents are given when infants are brought for examination and treatment, and very important, the condemnation of the 'dummy teat.'

J. A. WYLIE, L.D.S., R.F.P.S.,

Dental Surgeon.

DENTAL OFFICER'S STATISTICS—1951.

(a) NUMBERS PROVIDED WITH DENTAL CARE :

	Examined	Needing Treatment	Treated	Made Dentally Fit
Expectant and Nursing Mothers	214	164	142	132
Children under five	268	236	220	212

(b) FORMS OF DENTAL TREATMENT PROVIDED :

	Extrac- tions	Anaesthetics		Fillings	Scalings or Scaling and Gum treat- ment	Silver Nitrate treat- ment	Dress- ings	Radio- graphs	Dentures provided	
		Local	General						Complete	Partial
Expectant and Nursing Mothers	652	71	64	54	37	14	22	—	16	9
Children under five	269	24	75	66	22	52	31	—	—	—

SUPPLY OF WELFARE FOODS :

National Milk is supplied at the Food Office for those in attendance at Infant Welfare Centres and vouchers are given in respect of other brands of foods so that they can be obtained at a cheaper rate. A Welfare Foods Supply Depot is in operation at the Dowlais Clinic.

STERILISED MATERNITY OUTFITS :

These are supplied free of charge to all expectant mothers attending the Clinic.

CARE OF UNMARRIED MOTHERS AND CHILDREN :

The necessity for provision, other than provision for confinement, has arisen in this area only in very exceptional circumstances. If any difficulty arises then contact is made with the Secretary of the Llandaff Diocesan Moral Welfare Association, and provision is made at the Haven, Newport Road, Cardiff.

MIDWIFERY

SECTION 23.

The approved scheme of the Council under Section 23 of the National Health Service Act confirmed the existing midwifery services arrangements and provided for certain advances, i.e., the training of midwives in Gas and Air Analgesia.

The Council is the local supervising authority under the Midwives' Acts, and during the year 1951 they received notice of intention to practice midwifery from the following :-

Municipal Midwives	..	..	..	..	9
Independent domiciliary midwives	..	..			nil.
Midwives working as maternity nurses only					nil.
Hospital Midwives	..	..	..	..	21
					<hr/>
					30
					<hr/>

The Council has provided 5 houses for the use of midwives and all midwives are on the telephone.

The number of women who took advantage of gas and air analgesia during the year 1951 was 76.

A summary of statistics is given below :-

No. of births attended As Midwives	312	}	..	318
As Mat. Nurses	6			
No. of visits paid :				
(a) Ante-natal .. .. .	..	..	..	1521
(b) Nursing .. .. .	..	..	..	5304
Number of requests sent for medical aid	..	..	..	133
No. of cases transferred to hospitals	..	..	..	—
No. of cases in which gas and air analgesia was used				76
No. of abortions .. .. .	..	..	..	6
No. of advisory attendances made at :—				
(a) Ante-natal clinics .. .. .	..	..	..	440
(b) Post-natal clinics .. .. .	..	..	..	61
No. of Analgesia machines in use in Department	..			9

HEALTH VISITING

(Section 24)

The number of Health Visitors employed at the end of the year was 9. plus a Superintendent Nursing Officer. These officers are all combined Health Visitors, School Nurses, Tuberculosis Visitors, Clinic Nurses, etc.

During the year the domiciliary visits made by the Health Visitors were as follows :—

BIRTHS		VISITS TO					
<i>Notified</i>	<i>Visited</i>	<i>Infants under 1 year</i>	<i>Infants 1-5 yrs.</i>	<i>Other Visits</i>	<i>Ante Natal</i>	<i>Infectious cases</i>	<i>Deaths</i>
1033	947	2666	2891	613	498	257	42

The Health Visitors visit the homes for the purpose of giving advice re. the care of young children, persons suffering from illness, and expectant or nursing mothers.

No arrangements have been made with voluntary organisations.

The ordinary omnibus service existing in the Borough is considered sufficient for the time being to carry out these duties.

During the year the Health Visitors attended the Chest Clinic in rota.

HOME NURSING

(SECTION 25)

The number of full-time nurses employed is 9 and the number of part-time 2, and the following is a summary of their work :-

<i>Nurse</i>	<i>No. of cases</i>	<i>Total visits paid</i>	<i>O.A.P.</i>	<i>General</i>	<i>Cas-uals</i>	<i>T.B.</i>
M. Nicholas	198	4924	1630	3159	80	255
S. J. Lewis	284	3862	159	2987	23	697
A. Clements	180	5509	—	—	—	—
E. J. Evans	170	4015	1866	1780	111	258
E. Thomas	473	4971	1832	2923	159	57
B. L. W. Jones	290	3896	1357	2014	196	329
E. M. Wright	532	4225	1759	2262	153	51
E. Lloyd (Relief)	211	2372	521	597	282	42
O. Davies	1218	3532	1887	1408	90	147
F. Evans	396	5006	2440	2159	59	128
H. Davies (relief)	218	2829	1048	1624	78	79

VACCINATION AND IMMUNISATION

(SECTION 26)

In order to ensure that as many infants and young children as possible are immunised the Council provides facilities at the Child Welfare Centres where special sessions are arranged for the performance of immunisation. The Health Visitor visits the home of every child a few days before the child attains its 12-months birthday—reports to the office that the child is domiciled there and is alive then a birthday celebration card is sent to the baby pointing out the advantages of Immunisation to the parents.

Many parents are not as enthusiastic as they were in regard to immunisation in spite of repeated propaganda.

The fact that there are very few notifications or deaths from Diphtheria is no doubt responsible for this.

The staff of the Health Department have never taken part in Vaccination—this has always been done by district medical officers and is now being done by general practitioners.

The following table shows the work done during the year.:-

	<i>Infant Welfare</i>	<i>Private Doctors</i>	<i>Total</i>
Diphtheria Immunisation.	660	125	785
Vaccination.	—	346	346

Ambulance Services

RECORD OF WORK PERFORMED FOR YEAR ENDING 31st DECEMBER, 1951.

(1) Type of Service.	(2) Number of Vehicles at 31/12/51	(3) Total number of journeys during year	(4) Total number of patients carried during year	(5) Total mileage during year	(6) Number of paid whole-time staff at 31, 12/51
Directly provided services	Ambulances Cars	8 1	4835 1018	70,454 21,381	1 Ambulance Officer 1 Mechanic 16 Amb. Drvs.
Agency Service(s)	Ambulances Cars	— —	— —	— —	— —
Supplementary Service(s)	Ambulances Cars	— —	— —	— —	— —
TOTALS		9	5853	91,835	18

ANALYSIS OF PATIENTS TRANSPORTED DURING THE YEAR 1951

	REMOVED FROM :		REMOVED TO :																																			
	St. Tydfil's Hospital	General Hospital	Mardy Isolation Hospital	Sandbrook House Rheumatic Hospital School	Gwaunfarren Maternity Home	Cardiff Royal Infirmary	Llandough Hospital	Church Village Hospital	Prince of Wales Hospital	Glanely Hospital	Whitchurch Hospital	Sully Hospital	T. B. Clinic	Ministry of Pensions, Cardiff	Pontsarn Sanatorium	Glebeland Street Clinic	St. Winifred's Hospital	Morristown Hospital	Cefn Coed Mental Hospital	Hone	Remploy Factory	St. David's, Cardiff	St. Lawrence's, Chepstow	T. B. Clinic, Cardiff	Glossop Terrace, Cardiff	Talgarth Sanatorium	Talygarn Hospital	Craig-y-Nos Hospital	Bridgend Hospital	Royal Gwent Hospital	Rookwood Hospital	Mountain Ash Hospital	Aberdare General Hospital	Other Hospitals, etc.	Ebbw Vale Hospital	Royal Hamadryad Hospital	Tredegar Hospital	TOTALS
Home ...	1097	1944	206	9	291	1131	29	40	110	8	9	22	197	46	29	55	5	9	30	46	27	10	6	1	6	1	19	1	1	2	8	14	2	8		2	1	5422
St. Tydfil's Hospital		74	15	1	1	27		2	7		1		2			1		3	6	709		2		3		4	1	2		1	2	6	3	1		2	1	874
General Hospital ..	73		4		1	21	2		1	1	5	1			4			2	2193			5					1			1	1	13	1	1	4		2335	
Mardy Isolation Hosp	16	2				2	6	1		3		2	256		20		3		108				7										3				429	
Sandbrook Hospital...		1					4					2							2																		9	
Gwaunfarren Mat. Home ...	6	8					1									1			170																		186	
Cardiff R'yl Infirmary	25	17													1				1195																			1238
Llandough Hospital..				1	1														36																		38	
Church Village Hosp.																			46																		46	
Prince of Wales Hosp.	3																		122																		125	
Glanely Hospital ...			3												6				3																		12	
Whitchurch Hospital	3	2																	22																		27	
Sully Hospital ...		1	1												1				32																		35	
T.B. Clinic ...	2	256	2											417					197																		874	
Pontsarn Sanatorium		3	23			1				3		5	417			2			61				12														527	
Glebeland St. Clinic...															2				55																		57	
Remploy Factory ...																			27																		27	
St. David's ...																			5																		5	
Other Hospitals and Clinics ...	7	14	14			2								12					90																		139	
Factories ...		15																	16														1				32	
Other Accidents ...		80																	24																		104	
TOTALS ...	1232	2161	522	13	294	1184	42	43	118	15	15	30	874	46	492	59	5	17	36	5159	27	10	13	20	9	1	23	3	3	2	10	17	21	16	2	6	1	12541

PREVENTION OF ILLNESS, CARE AND AFTER-CARE (SECTION 28)

TUBERCULOSIS :

The Local Health Authority deal with all cases requiring After-care.

It was intended to employ a special Tuberculosis Health Visitor but experience has shown that the better procedure is to employ the Health Visitor in her own area to deal with these matters. The Health Visitor normally visits the home for other reasons and I feel that rather than have an ad hoc appointment it was better that the health visitors should refresh their knowledge of the principles of treatment and prevention by attendance at the Chest Physician's Clinic where they would also come in contact with the patients in their own area.

Visits to the homes were carried out during the year and the necessary advice given. When the question of extra nourishment or clothing allowances arose the facts were reported to me and investigations were then carried out to find out whether allowances were being received from the Ministry of Labour and in 1951 no cases were relieved by us because this was being done through the office of the Ministry of Labour with whom we have close liaison.

During the year the major effort with regard to Tuberculosis patients has been their re-housing and the Housing Committee deals very sympathetically with any request from the Department.

OTHER TYPES OF ILLNESS :

The District Nurses as well as the Health Visitors are all aware of the necessity for giving advice and treatment, in some instances in cases of illness other than Tuberculosis.

PROVISION OF NURSING EQUIPMENT :

Arrangements were made during the year with the St. John's Ambulance Brigade to provide nursing equipment and apparatus on a definite scale of loan charges. Considerable use was made of this service during the year and in cases where the St. John's Ambulance Brigade were unable to supply the necessary equipment this was supplemented directly by the Local Health Authority who gave same on loan to the patients.

DOMESTIC HELP

(SECTION 29)

No full-time domestic helps were appointed during the year but there were 14 domestic helps who undertook to do 44 hours per week when required in cases of genuine need through illness, infirmity, old age, etc.

This service, in the early stages, was very much abused and it required frequent visits by the Superintendent Nursing Officer and Health Visitors.

People were under the impression originally that the service was free and there were great demands in the early days but when it was pointed out to them that there was a scale of charges we found that they were able to make their own arrangements.

The home help service was used mainly for Aged and Chronic Sick and also for assistance when the mother was confined in a hospital.

MENTAL HEALTH

(SECTION 51)

Lunacy Act, 1890

Mental Treatment Act, 1930

Mental Deficiency Acts, 1913-1938

I beg to submit the following report in respect of patients dealt with under the provisions of the above Acts during the year 1951.

MENTAL HOSPITALS :

The following are the total number of persons admitted to Mental Hospitals together with their classification and the hospital concerned :-

	<i>Voluntary</i>	<i>Certified</i>	<i>Temporary</i>
Morganwg, Bridgend ..	1	2	Nil
Whitchurch, Cardiff ..	7	Nil	Nil
Mid-Wales, Talgarth ..	2	Nil	Nil
Cefn Coed, Swansea ..	36	14	1
St. David's, Carmarthen	1	Nil	Nil
Pen-y-Vale, Abergavenny	1	Nil	Nil
	48	16	1

PREVENTION CARE :

Advantage has been taken of the Out-Patients Psychiatric Clinic held at the Merthyr General Hospital every Wednesday afternoon, and during the year, a number of patients were examined there by arrangement of their own Medical Practitioner, or by the Duly Authorised Officer.

MENTAL DEFICIENCY :

There are at present 5 patients in respect of whom application has been made to the regional Psychiatrist for their admission to Mental Deficiency Institutions, 2 of whom are at present at St. Tydfil's Hospital, (a 'Place of Safety').

Owing to the lack of accommodation in institutions, great difficulty is still being experienced in effecting the admission of patients.

COUNTY BOROUGH OF MERTHYR TYDFIL WELFARE SERVICES DEPARTMENT.

NATIONAL ASSISTANCE ACT, 1948.

The following is submitted in connection with the duties performed under the provisions of the National Assistance Act, 1948, during the Year ended 31st December, 1951.

Section 21. PROVISION OF RESIDENTIAL ACCOMMODATION :

Residential Accommodation was provided at St. Tydfil's Hospital for an average weekly number of 106 persons in the age groups shown below :-

<i>Men</i>		<i>Women</i>		Total
<i>Under 65 years</i>	<i>Over 65 years</i>	<i>Under 60 years</i>	<i>Over 60 years</i>	
25	68	6	7	106

Of these 9 men and 4 women were chargeable to the Glamorgan County Council.

23 cases were admitted to Hospital.

24 cases discharged from Hospital.

12 cases discharged at own request.

32 new cases admitted to Part III Accommodation.

Temporary accommodation was provided for 34 persons seeking shelter of a temporary nature through eviction or other urgent causes.

PANT HOUSE :

Residential accommodation was provided for an average weekly number of 14 persons in the age groups shown below :-

<i>Women</i>		Total
<i>Over 60 years</i>	<i>Under 60 years</i>	
8	6	14

Facilities for the weekly attendance of residents at local cinemas were again available. Season tickets were provided for those desirous of attending football matches. Concerts were given at St. Tydfil's Hospital and the residents of Pant House were entertained to teas, concerts, etc., by voluntary organisations attached to the local churches. The Entertainments Committee as usual provided tickets for the annual Fete and Gala held at Cyfarthfa Park.

Section 29. WELFARE OF THE BLIND.

The welfare of blind persons is undertaken on an agency basis on behalf of the Council by the Merthyr Tydfil and Mid Wales Institution for the Blind. The number of registered blind persons during the year was 345, a decrease of 5 from the preceding year. The blind population is grouped as follows :-

Ages	0-1	1-5	5-16	16-21	21-40	40-50	50-65
	—	1	1	—	14	20	62
			65-70	70 and over			
			25	222			TOTAL—345.

19 workers were employed in the workshops distributed as follows :-
Basket dept.—7 Brush dept.—4 Mat dept.—4 Hosiery dept.—4

96 persons were examined by Dr. Parry for blindness and 31 were certified as blind persons within the meaning of the Act, the remaining 64 were placed on the Partially Sighted Register.

TABLE 1

CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE DURING THE YEAR 1951

Name of District : MERTHYR TYDFIL

CAUSES OF DEATH		Sex	All Ages	0-1	1-5	5-15	15-45	45-65	Over 65
ALL CAUSES	...	M	513	25	2	5	26	140	315
	...	F	400	17	1	1	24	103	254
1 Typhoid and Paratyphoid Fevers	...	M	—	—	—	—	—	—	—
	...	F	—	—	—	—	—	—	—
2 Measles ...	...	M	—	—	—	—	—	—	—
	...	F	—	—	—	—	—	—	—
3 Scarlet Fever	...	M	—	—	—	—	—	—	—
	...	F	—	—	—	—	—	—	—
4 Whooping Cough	...	M	—	—	—	—	—	—	—
	...	F	1	1	—	—	—	—	—
5 Diphtheria	...	M	—	—	—	—	—	—	—
	...	F	—	—	—	—	—	—	—
6 Influenza	...	M	18	2	—	—	1	2	13
	...	F	8	—	—	—	—	—	8
7 Other Infective and Parasitic Diseases	...	M	1	—	—	—	1	—	—
	...	F	—	—	—	—	—	—	—
8 Cerebro-Spinal Fever	...	M	—	—	—	—	—	—	—
	...	F	—	—	—	—	—	—	—
9 Tuberculosis of Respiratory System	...	M	12	—	—	—	3	6	3
	...	F	10	—	—	—	4	6	6
10 Other Tuberculous Diseases	...	M	3	—	—	—	—	1	2
	...	F	4	—	—	—	1	3	—
11 Syphilis	...	M	1	—	—	—	—	1	—
	...	F	1	—	—	—	—	—	1
12 Leukaemia Ateleukaemia	...	M	1	—	—	—	—	—	—
	...	F	—	—	1	—	—	—	—
13 Cancer, Malignant Disease	...	M	61	—	—	—	2	25	34
	...	F	50	—	—	—	3	24	23
14 Diabetes	...	M	2	—	—	—	1	1	—
	...	F	7	—	—	—	—	2	5
15 Cerebral Haemorrhage, &c.	...	M	—	—	—	—	—	—	—
	...	F	—	—	—	—	—	—	—
16 Heart Disease	...	M	165	—	—	—	9	44	112
	...	F	133	—	—	—	5	26	102
17 Hyperplasia of Prostate	...	M	5	—	—	—	—	—	5
18 Other Circulatory Diseases	...	M	8	—	—	—	—	2	6
	...	F	11	—	—	—	1	1	9
19 Bronchitis	...	M	55	—	—	—	1	9	45
	...	F	28	—	—	—	—	5	23
20 Pneumonia (all forms)	...	M	18	3	—	—	1	4	10
	...	F	12	3	—	—	3	—	6
21 Other Respiratory Diseases	...	M	16	—	—	—	—	11	5
	...	F	—	—	—	—	—	4	—
22 Peptic Ulcer	...	M	4	—	—	—	—	—	—
	...	F	—	—	—	—	—	—	—
23 Gastritis, Enteritis and Diarrhoea	...	M	4	3	—	—	—	1	3
	...	F	4	—	—	—	—	—	—
24 Appendicitis	...	M	—	—	—	—	—	—	—
	...	F	—	—	—	—	—	—	—
25 Intra-Cranial Vascular Lesions	...	M	65	—	—	—	—	11	54
	...	F	63	—	—	—	3	9	51
26 Other Diseases of Liver	...	M	—	—	—	—	—	—	—
	...	F	—	—	—	—	—	—	—
27 Other Digestive Diseases	...	M	3	—	—	—	1	1	3
	...	F	6	—	—	—	1	2	3
28 Acute and Chronic Nephritis	...	M	9	—	—	1	2	4	2
	...	F	3	—	—	—	—	—	—
29 Pregnancy, Childbirth, Abortion	...	M	—	—	—	—	—	—	—
	...	F	3	—	—	—	—	—	—
30 Homicide and Operations of War	...	M	1	—	—	—	1	—	—
	...	F	—	—	—	—	—	—	—
31 Congenital Debility, Premature Birth, Malformations, &c.	...	M	4	3	—	1	—	—	—
	...	F	1	1	—	—	—	—	—
32 Suicide	...	M	3	—	—	1	1	—	1
	...	F	5	—	—	—	—	3	1
33 Other Accidents	...	M	11	1	2	1	3	2	2
	...	F	5	1	—	—	1	1	2
34 Other Defined and Ill-Defined Diseases	...	M	46	13	—	1	3	11	18
	...	F	42	11	—	—	3	11	17
35 Road Traffic Accidents	...	M	3	—	—	—	—	—	—
	...	F	2	—	—	—	—	—	—
36 All Causes	...	M	513	25	2	5	26	137	315
	...	F	400	17	1	1	31	96	254

Legitimate Illegitimate

Under 1 year { M 24 ... 1

 { F 14 ... 3

TABLE 2. INFANT MORTALITY 1951.

Net Deaths from Stated Causes at various Ages under One year of age.

CAUSE OF DEATH			Under 1 week	Under 1 month	Total under 4 weeks	4 weeks and under 3 mths.	3 months and under 6 mths.	6 months and under 12 mths.	Total Deaths under one year
All Causes	Certified	...	20	3	23	4	8	7	42
	Uncertified	...	—	—	—	—	—	—	—
Small Pox	..	...	—	—	—	—	—	—	—
Chicken Pox	...	...	—	—	—	—	—	—	—
Measles	...	...	—	—	—	—	—	—	—
Scarlet Fever	...	...	—	—	—	—	—	—	—
Whooping Cough	...	...	—	—	—	—	—	—	—
Asphyxia	...	...	1	—	1	—	—	—	1
Heart	...	...	1	1	2	—	1	—	3
Tuberculous Meningitis	...	...	—	—	—	—	—	—	—
Abdominal Tuberculous (C)	...	...	—	—	—	—	—	—	—
Other Tuberculous Diseases	...	...	—	—	—	—	—	—	—
Meningitis (not Tuberculous)	...	...	—	—	—	—	—	—	—
Convulsions	...	...	2	—	2	—	—	—	2
Spina Bifida	...	...	—	—	—	—	—	—	—
Bronchitis	...	...	1	—	1	1	1	1	4
Pneumonia (All Forms)	...	...	—	2	2	1	3	—	6
Diarrhoea	...	...	—	—	—	—	—	—	—
Gastro Enteritis	...	...	—	—	—	—	1	1	2
Infantile Pemphigus	...	...	—	—	—	—	—	—	—
Morbus Cordis	...	...	—	—	—	—	—	—	—
Haemorrhage	...	...	—	—	—	—	—	—	—
Marasmus	...	...	—	—	—	1	—	—	1
Atelectasis	...	...	—	—	—	—	—	—	—
Congenital Debility	...	...	—	—	—	—	—	—	—
Premature Birth	...	...	12	—	12	—	—	—	12
Debility	...	...	—	—	—	—	—	—	—
Other Causes	...	...	3	—	3	1	2	5	11
			20	3	23	4	8	7	42

Net Births in the year { Legitimate—963
 { Illegitimate—29

Net Deaths under one year { Legitimate—38
 { Illegitimate—4

TABLE 2a.

INFANT MORTALITY 1951.

Nett Deaths under One year from Stated Causes—WARD DISTRIBUTION.

CAUSE OF DEATH			Dowlais Ward	Peny- darren Ward	Park Ward	Cyfarth- fa Ward	Town Ward	Ply- mouth Ward	Merthyr Vale Ward	Tre- harris Ward	Total
All Causes	Certified	...	10	4	6	2	8	5	3	4	42
	Uncertified	...	—	—	—	—	—	—	—	—	—
Small Pox	...	...	—	—	—	—	—	—	—	—	—
Chicken Pox	...	...	—	—	—	—	—	—	—	—	—
Measles	...	...	—	—	—	—	—	—	—	—	—
Scarlet Fever	...	...	—	—	—	—	—	—	—	—	—
Whooping Cough	...	...	—	—	—	—	—	—	—	—	—
Asphyxia	...	...	—	—	—	—	1	—	—	—	1
Heart	...	...	—	—	—	1	1	—	—	1	3
Tuberculous Meningitis	...	...	—	—	—	—	—	—	—	—	—
Abdominal Tuberculous (C)	...	...	—	—	—	—	—	—	—	—	—
Other Tuberculous Diseases	...	...	—	—	—	—	—	—	—	—	—
Meningitis (not Tuberculous)	...	...	—	—	—	—	—	—	—	—	—
Convulsions	...	...	1	—	1	—	—	—	—	—	2
Spina Bifida	...	...	—	—	—	—	—	—	—	—	—
Bronchitis	...	...	1	1	1	—	1	—	—	—	4
Pneumonia (All Forms)	...	...	3	—	1	—	—	1	1	—	6
Diarrhoea	...	...	—	—	—	—	—	—	—	—	—
Gastro Enteritis	...	...	1	—	—	1	—	—	—	—	2
Infantile Pemphigus	...	...	—	—	—	—	—	—	—	—	—
Morbus Cordis	...	...	—	—	—	—	—	—	—	—	—
Haemorrhage	...	...	—	—	—	—	—	—	—	—	—
Marasmus	...	...	—	1	—	—	—	—	—	—	1
Atelectasis	...	...	—	—	—	—	—	—	—	—	—
Congenital Debility	...	...	—	—	—	—	—	—	—	—	—
Premature Birth	...	...	2	2	1	—	4	—	1	2	12
Debility	...	...	—	—	—	—	—	—	—	—	—
Other Causes	...	...	2	—	2	—	1	4	1	1	11
			10	4	6	2	8	5	3	4	42

Nett Births in the year { Legitimate—963
 { Illegitimate—29

Nett Deaths under one year { Legitimate—38
 { Illegitimate—4

TABLE 3.

For the Year 1951 for the County Borough of Merthyr Tydfil on the Administration of the Factories Act, 1937.

INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH, INCLUDING
INSPECTIONS MADE BY SANITARY INSPECTORS.

Premises (1)	Number of			Number on Register
	Inspections (2)	Written Notices (3)	Occupiers Prosecuted (4)	
Factories in which Secs. 1, 2, 3, 4 and 6 are enforced by Local Authority ...	264	29	Nil	20
Factories not included above in which Sec. 7 is enforced by Local Authority	477	37	Nil	152
Other Premises in which Section 7 is enforced, but not including outworker's premises	28	Nil	Nil	5
Total ...	769	66	Nil	177

3a.—DEFECTS FOUND.

Particulars (1)	Number of Defects			Number of defects in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of Cleanliness (Section 1) ...	29	29	—	—
Overcrowding (Section 2) ...	—	—	—	—
Unreasonable Temperature (Section 3) ...	—	—	—	—
Inadequate Ventilation (Section 4) ...	1	1	—	—
Ineffective Drainage of Floors (Section 6) ...	—	—	—	—
Sanitary Conveniences S. 7 {	4	4	—	—
	21	21	—	—
Other Offences ...	—	—	—	—
(Not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937.)	—	—	—	—
TOTAL ...	55	55	—	—

3b.—OUTWORK IN UNWHOLESOME PREMISES. Sections 110-111

NATURE OF WORK (1)	Number of Outworkers	Instances (2)	Notices Served (3)	Prosecutions (4)
WEARING APPAREL :— Making, etc. ...	2	Nil	Nil	Nil
Carding etc., of Buttons, etc. ...	56			
TOTAL ...	58	Nil	Nil	Nil

